



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF BUDGET AND MANAGEMENT
GENERAL SOLANO ST., SAN MIGUEL, MANILA

BIDS AND AWARDS COMMITTEE

Resolution No. 2019-75

WHEREAS, the Department of Budget and Management-Bids and Awards Committee (DBM-BAC) conducted a public bidding for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building," with an Approved Budget for the Contract of P26,500,000.00;

WHEREAS, under Resolution No. 2019-38 dated September 17, 2019, the BAC declared the first bidding for the Project as "failed" in accordance with Section 35.1(c) of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (R.A.) No. 9184;

WHEREAS, on September 24, 2019, the Invitation to Bid was posted on the Philippine Government Electronic Procurement System website, the DBM website, and all DBM bulletin boards;

WHEREAS, ten (10) prospective bidders responded to the said Invitation and attended the Pre-bid Conference on October 1, 2019, namely: (i) Cinergi; (ii) Comfac Corporation; (iii) AIT Business Services Corporation; (iv) NTEK Systems Inc.; (v) Veracity; (vi) Pronet Systems; (vii) PLDT; (viii) Multifold Links; (ix) Infobahn Communications Inc.; and (x) Comspec;

WHEREAS, Supplemental/Bid Bulletin No. 1 was issued on October 14, 2019 to clarify, modify or amend items in the Bidding Documents;

WHEREAS, during the submission and opening of bids on October 22, 2019, three (3) bidders submitted their bids; namely: (i) Unicenter Communications Inc.; (ii) the Joint Venture of Infobahn Communications Inc. and Universal Access and System Solutions Philippines Inc. (JV of Infobahn and Universal Access); and (iii) AIT Business Service Corporation;

WHEREAS, after preliminary examination of the bids, the BAC, using non-discretionary "pass/fail" criteria, determined the following:

1. The submission of Unicenter Communications Inc. as "failed" for passing a Collection Receipt in lieu of the required Official Receipt as proof of the Single Largest Completed Contract, in accordance with Clause 12.1(a)(ii.9) of Section II. Instructions to Bidders of the Bidding Documents and pursuant to the Government Procurement Policy Board's Non-Policy Matter No. 2016-09-22 dated September 22, 2016;

2. The submissions of AIT Business Service Corporation and the JV of Infobahn and Universal Access as "passed" for complying with all the eligibility and technical requirements as stated in the Bidding Documents;

WHEREAS, after evaluation of the financial proposals, the bidders were ranked according to their bid submissions:

1. JV of Infobahn and Universal Access - P25,988,000.00
2. AIT Business Service Corporation - P26,488,888.00

WHEREAS, the BAC declared the submission of the JV of Infobahn and Universal Access as the Lowest Calculated Bid in the amount of P25,988,000.00;

WHEREAS, after careful evaluation, validation and verification of the eligibility, technical and financial proposals of the bid, the BAC found that the submission of the JV of Infobahn and Universal Access passed all the criteria for post-qualification; thus, it was declared as the Lowest Calculated and Responsive Bid in the amount of P25,988,000.00.

NOW, THEREFORE, for and in consideration of the foregoing premises, the BAC **RESOLVED**, as it hereby **RESOLVED**, to recommend to the Secretary of the Department of Budget and Management that the contract for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building," be awarded to the Joint Venture of Infobahn Communications Inc. and Universal Access and System Solutions Philippines Inc., in accordance with Republic Act No. 9184 and its 2016 Revised Implementing Rules and Regulations.

ADOPTED, this 29th day of ~~November~~ 2019 at the Department of Budget and Management, General Solano St., San Miguel, Manila.


THEA MARIE CORINNE F. PALARCA
End-user Representative

not present
VIRGILIO A. UMPACAN, JR.
B.U.D.G.E.T. Representative


EDEN D. PANGILINAN
Member


ROWEL D. ESCALANTE
Member


ROSEMARIE D. PAGALA
Alternate Member


ANDREA CELENE M. MAGTALAS
Vice Chairperson

jm

ACHILLES GERARD C. BRAVO
Chairperson

Approved
 Disapproved

WENDEL E. AVISADO
Secretary, DBM

Date: _____





REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF BUDGET AND MANAGEMENT
GENERAL SOLANO STREET, SAN MIGUEL, MANILA

BIDS AND AWARDS COMMITTEE

DEC 09 2019

NOTICE OF AWARD

MR. DEXTER D. DANTES

Account Manager
Infobahn Communications, Inc.
2/F Fil-American Bldg.
923 Aurora Blvd. cor. La Salle St.
Cubao, Quezon City

Dear **Mr. Dantes**:

We are pleased to inform you that the contract for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building," is hereby awarded to the Joint Venture of Infobahn Communications Inc. and Universal Access and System Solutions Philippines Inc. in the amount of P25,988,000.00.

In this regard, you are hereby required to post a performance security in the amount and form stated in Section 39 of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act No. 9184 prior to the signing of the contract, and a valid Joint Venture Agreement with Universal Access and Systems Solutions Philippines Inc. within ten calendar days from receipt of the Notice of Award, in accordance with Section 37.1.4(a)(i) of the 2016 Revised IRR of the aforementioned law.

Thank you and God Bless.

Very truly yours,

WENDEL E. AVISADO
Secretary





REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF BUDGET AND MANAGEMENT
GENERAL SOLANO ST., SAN MIGUEL, MANILA

BIDS AND AWARDS COMMITTEE

NOTICE TO PROCEED

MR. JOEL JOHN I. BAUTISTA

President
Infobahn Communications, Inc.
2/F Fil-American Bldg.
923 Aurora Blvd. cor. La Salle St.
Cubao, Quezon City

MR. CHRISTOPHER P. VICTORINO

President
Newstreet Building
McArthur Hi-way Balibago
Angeles City, Pampanga

Dear **Mr. Bautista and Mr. Victorino:**

This is to inform the Joint Venture of Infobahn Communications Inc. and Universal Access and Systems Solutions Philippines Inc. that performance of the obligations specified in the attached Contract for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building," shall commence upon receipt of this Notice to Proceed in accordance with Section 37.4 of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184.

Thank you and God Bless.

Very truly yours,



for
WENDEL E. AVISADO
Secretary

I acknowledge receipt and acceptance of this Notice on: 2/17/20

Name of Consultant and/or Representative: DEXTER DANIELS

Authorized Signature: *[Signature]*

CONTRACT No. 2019-16
SUPPLY, DELIVERY, INSTALLATION, TESTING, AND
COMMISSIONING OF STRUCTURED CABLING WITH WIRED AND
WIRELESS NETWORK SOLUTION, PUBLIC ADDRESS SYSTEM
AND IP-CCTV FOR THE DBM ARCACHE BUILDING

This CONTRACT made and entered into by and between the following:

DEPARTMENT OF BUDGET AND MANAGEMENT, a government agency created by virtue of the laws of the Republic of the Philippines, with principal office address at General Solano St., San Miguel, Manila, represented herein by its Secretary, **WENDEL E. AVISADO**, hereinafter called the "**DBM**";

- and -

JOINT VENTURE OF INFOBAHN COMMUNICATIONS INC. AND UNIVERSAL ACCESS AND SYSTEMS SOLUTIONS PHILIPPINES INC., corporations duly organized and existing under the laws of the Republic of the Philippines, with office address at 2/F Fil-American Bldg., 923 Aurora Blvd. cor. La Salle St., Cubao, Quezon City and Newstreet Building, McArthur Hi-way Balibago, Angeles City, Pampanga, respectively, represented by their authorized representatives **JOEL JOHN I. BAUTISTA** and **CHRISTOPHER P. VICTORINO**, hereinafter referred to as the "**SUPPLIER**";

WITNESSETH:

WHEREAS, the DBM conducted a public bidding for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building," and the bid of the Supplier is in the amount of Twenty Five Million Nine Hundred Eighty Eight Thousand Pesos (P25,988,000.00), hereinafter called the "Contract Price";

WHEREAS, the Notice of Award was issued to the Supplier last December 11, 2019, and the Supplier posted its performance security in the form of a Performance Bond on December 19, 2019, in the amount of P7,796,400.00;

NOW, THEREFORE, for and in consideration of the foregoing premises, the parties hereby mutually stipulate and agree as follows:

1. In this Contract, words and expressions shall have the same meanings as are respectively assigned to them in the General and Special Conditions of Contract referred to in Annex D and E, respectively.
2. The following documents shall form and be read and construed as part of this Contract:

Annex A	-	Bid Form
B	-	Schedule of Requirements
C	-	Technical Specifications
D	-	General Conditions of Contract
E	-	Special Conditions of Contract

- F - Notice of Award
- G - Performance Security

3. In consideration of the payments to be made by the DBM to the Supplier, the Supplier hereby covenants with the DBM to provide the Goods and Services, which is the Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building, and to remedy defects therein in conformity with the provisions of the Contract.
4. The DBM hereby covenants to pay the Supplier, in consideration of the provision of the Goods and Services, which is the Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building, and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the time and in the manner prescribed by the Contract.
5. Entire Agreement. All parties agree that this Contract, including the attached Annexes, contains their full agreement and supersedes all previous agreements, either written or oral, if there are any. No agreements, understandings, commitments, discussions, warranty, representations or other covenants, whether oral or written, between the parties are included in this Contract, including the attached Annexes, except as set forth herein.

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 IN WITNESS WHEREOF, the parties hereto have signed this Contract on this day of , 2019 at General Solano St., San Miguel, Manila, Philippines. **FEB 07 2020**

DEPARTMENT OF BUDGET AND MANAGEMENT
 by:



W. E. Avisado
WENDEL E. AVISADO
 Secretary

JOINT VENTURE OF INFOBAHN COMMUNICATIONS INC. AND UNIVERSAL ACCESS AND SYSTEMS SOLUTIONS PHILIPPINES INC.

by:

by:

Joel John I. Bautista
JOEL JOHN I. BAUTISTA
 President
 INFOBAHN COMMUNICATIONS INC.

Christopher P. Victorino
CHRISTOPHER P. VICTORINO
 President
 UNIVERSAL ACCESS AND SYSTEMS SOLUTIONS PHILIPPINES INC.

SIGNED IN THE PRESENCE OF

[Signature]
THEA MARIE CORINNE F. PALARCA
Director IV
Administrative Service

[Signature]
DEXTER DANTE
ACCOUNT MANAGER

ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
CITY OF MANILA) S.S.

BEFORE ME, a Notary Public for and in the City of **MANILA**, Philippines, on this 07 day of FEBRUARY, 2020 personally appeared the following:

NAME	VALID ID	VALID UNTIL
WENDEL E. AVISADO	DBM ID No. 4601	
JOEL JOHN I. BAUTISTA	PASSPORT ID# P6507374	07/10/2022
CHRISTOPHER P. VICTORINO	Passport No. EC3349096	02/02/2020

known to me to be the same persons who executed the foregoing Contract and who acknowledged to me that the same is their free and voluntary act and deed and of the entities they respectively represent.

This CONTRACT for the Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building was signed by the parties, and their material witnesses on each and every page thereof.

WITNESS MY HAND AND SEAL this 07 day of FEBRUARY, 2020, 2019.

Doc. No 241;
Page No 49;
Book No 22
Series of 2019.

ATTY. GARY CAMITAN AURE

NOTARY PUBLIC, ROLL NO. 60777
PTR No. 819317 issued on Jan. 1, 2019 until Dec. 31, 2023 Manila
1st Affidavit No. 814553 issued on Feb. 2, 2019
Companion No. 222-221 issued on Jan. 31, 2020 until Dec. 31, 2021 Manila
PTR No. 819317 issued on Feb. 21, 2019 at Pasig City VAFD Office
Office Address: C/F YECA Building, 251 Antonio Villages Street, Ermita, Manila

CERTIFIED FUNDS AVAILABLE

JEFFREY D. GALARPE
Officer-in-Charge, ACCOUNTING DIVISION

ORS No: 0610002019-2-2717
ORS Date: 12/16/19

Bid Form

Date: October 22, 2019
Invitation to Bid No.: DBM-2019-39

To: Department of Budget and Management – Bids and Awards Committee

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers [1], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to the DBM, our services for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Arcache Building" in conformity with the said Bidding Documents for the sum of TWENTY FIVE MILLION NINE HUNDRED EIGHTY EIGHT THOUSAND PESOS (25,988,000.00).

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in BDS provision for ITB Clause 18.2 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per ITB Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, Dexter Dantes authorized representative is granted full power and authority by the *Infobahn*, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for the Supply, Delivery, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Arcache Building of the Department of Budget and Management.



We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this 22 day of October 2019

Dexter D. Dantes
[Signature]

Account manager
[In the capacity of]

Duly authorized to sign Bid for and on behalf of Infobahn Communication inc.

9

For Goods Offered From Within the Philippines

Name of Bidder Infobahn Communication Inc. Invitation to Bid' Number IB DBM-2019-39.

Page 1 of 1.

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price raw per item	Cost of local labor, raw material, and component	Total price raw per item (cols 4 x 5)	Unit prices per item final destination and unit price of other incidental services	Sales and other taxes payable per item if Contract is awarded	Total Price delivered Final Destination (col. 8 + 9) x 4
1 lot	SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF STRUCTURED CABLING WITH WIRED AND WIRELESS NETWORK SOLUTION, PUBLIC ADDRESS SYSTEM AND IP-CCTV FOR THE DBM ARCADE BUILDING		1 Lot	23,203,571.43	0.0	23,203,571.43	23,203,571.43	2,784,428.57	25,988,000.00
								Total	25,988,000.00

Dexter D. Dantes
Infobahn Communication Inc.

Reference no. 19-09-1289

October 22, 2019

BAC Chairman
Department of Budget and Management
Sofia St. Manila

Case No. 19-09-1289

Thank you for your interest in Infobahn Communications, Inc. Per your request, we are pleased to submit herewith our revised quotation with a special discount for your review and approval.

		DBM Arcache Building project						
Items	Brands	Description	QUANTITY	units	SPECIFICATIONS	unit cost	total cost	
<p>Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Arcache Building</p>							1 Lot	25,888,000.00
<p>Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution</p>								
	cisco	Cisco switch Catalyst 3850 12 port 10G fiber Switch IP Service	2	units	<p>Stack-able and Stackable Layer 3 switch. 12 x 10G Gigabit SFP+ Form Factor Pluggable Plus (SFP+) Two (2) pairs of long range transceiver SFP+ 10G-LR per switch (compatible) Ten (10) pairs of short range transceiver SFP+ 10G SR per switch (compatible) One (1) port of 80-watt, MxSable per switch Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) Standard 802.1d Spanning Tree support One (1) unit of Stackwise and stack power cables Redundant Hot-swappable Power Supply</p>			
	cisco	Cisco switch Catalyst 2960-X 4R GigE PoE 740W, 2 x 10G SFP+ LAN Base	10	units	<p>10/100/1000 4R Ethernet Ports UpLink: 2x10G SFP+ Ports (with SFP+ optic transceiver module SR) Support both IEEE 802.3at Power over Ethernet (PoE) and IEEE 802.3af PoE+ (up to 30W per port) Support maximum 24 ports up to 30W (802.3at PoE+) Support maximum 48 ports up to 15.4W (802.3af PoE) Total available PoE power 740W LAN Base feature set Support FlexStack+ for stacking of up to 8 switches with 60 Gbps of stack throughput</p>			
	cisco	Cisco WLAN Controller ONE – 5520 wireless controller w/ rack mounting kit	2	units	<p>Digital Network Architecture (DNA): Software Defined Access (SD-Access) Wireless Enables network access in minutes for any user or device to any application without compromising on security. Enables policy-based automation for wired and wireless, automated provisioning of wired and wireless networks, group-based policy for users and connected devices. DNA Analytics and Assurance Enables comprehensive network visibility. Capable to collect data from users, devices, and applications to proactively identify problems. Network analytics and automation to increase availability and deliver a better user experience.</p>			
	cisco	Cisco Wireless Access point 802.11ac W2 AP w/CA; 4x4:3; Int Ant; 2xGbE A Domain	22	unit	<p>Flexible radio assignment that allows the access points to intelligently determine the operating mode of serving radios based on the RF environment. The access points can operate in the following modes: 2.4-GHz and 5-GHz mode: One radio will serve clients in 2.4-GHz mode, while the other serves clients in 5-GHz mode. Dual 5-GHz mode: Both radios inside the access point operate on the 5-GHz band, maximizing the benefits of 802.11ac Wave 2 and increasing client device capacity. Security Monitoring and 5-GHz mode: One radio will serve 5-GHz clients, while the other is scanning the full spectrum for WIPS attackers, Clear Air Interferers, and rogue devices.</p>			
		Uninterruptible power supply - APC SMC3600RM12U	5		<p>2100 Watts/ 3650VA, Input / Output: 220V, 2U rack mountable UPS • LCD status Display that will provide key UPS status at glance • Automatic voltage regulation that gives higher application availability by correcting fast and high voltage conditions without using the battery • Power conditioning that will protect connected loads from surges, spikes, lightning, and other power disturbance</p>			

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	Access panel/controller	19	sets	Unlimited Door Time Zones (20 zones per time zone) 250 User Time Zones 32 One-Time Special User Time Zones (single use) 50 Door/User Holiday Groups
HP	work station HP 800 G4 1WK Country Kit PHIL	1	sets	8th generation Intel Core i7 - 3.7 GHz Processor 2) 16GB DDR4 2133/2400MHz memory 3) 2 Terabyte Solid State Hybrid Drive 4) PCIe Quad Monitor Video Card 6GB gddr5 5) Digital Video Disc Drive DVD-RW 24X SATA 6) 17" LED Monitor 7) USB Keyboard and Mouse 8) 10/100/1000 Gigabit Ethernet 9) Windows 10 Professional 10) Video Management Canon Pixma MB2670S A/HIn-One Colour Inkjet Printer
ZK	Door access biometric reader device ZK Teco iFace 7	39	sets	Capacity: 4000 Fingerprint: 4000 Face: 2,000 Card: 10,000 Display: 2.8 Inch TFT-LCD Touch Screen Communication: Ethernet RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoE splitter)
	door magnetic switch	19	sets	Energy: 480mA Auto-Sensing 12-24VDC (2-wire unit, max at 12VDC) Strength: Up to 1,200lb Holding Force Mode: Fail-Safe Fire-Rate: CAN/ULC 5104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs
APC	PDU - APC AP7921B RACK PDU, SWITCHED, 1U, 16A, 200/230V, 8/C13	3	sets	1U Rackmount managed Power Strip, network grade 8 outlets, IEC 320 C13, 15A, 2-pole 3-wire, grounded type receptacles Designed for standard 19-inch wide racks 15 ft. cord, IEC 320 C14 Plug, with 20A, 5KA, 2.5MV circuit breaker
APC	UPS - APC SMT2200RM1ZUC APC Smart-UPS 2200VA LCD RM 2U 230V with SmartConnect, 1980 Watts	1	set	Uninterruptible Power Supply, 1-Kva minimum, Line-Interactive Sine Wave UPS, 3U Rack mounted, Network Card Options, 8 Outlets, IEC 420 C13, 2-pole, 3-wire, LCD Display, 230V, 60Hz input with NEMA 6-20P plug

Supply, Delivery, Fabrication, Installation, Testing and commissioning of IP CCTV System

Hikvision	NETWORK VIDEO RECORDER DS9632NI-LB	4	units	DS 9632NI-LB
Hikvision	Western digital WD100PURZ	32	units	10TB Enterprise Grade Hard Disk Drive (HDD)
Hikvision	NETWRK OUTDOOR PTZ w/ 3 Channels Panoramic Camera DS-2PT6326IZ-DE	3	units	DS-2PT6326IZ-DE
Hikvision	NETWORK DOME TYPE CAMERA DS-2CD2725FWD-I2S	51	units	DS-2CD2725FWD-I2S
cisco	CISCO POE SWITCH Catalyst 9200L 24-port PoE+, 4x 10G Network Essentials	4	units	24 Ports Power over Ethernet (PoE) Network - Rack-mountable Layer 2 switch - 4 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) uplinks - Twenty-four (24) 10/100/1000 Ethernet Ports - Support for IEEE 802.3ad Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port) - Perpetual PoE support with a power up to 740W - Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) - Standard 802.1d Spanning Tree Support - Should be compatible with IBM existing Network Solution (CISCO)
cisco	10G SFP+ SWITCH Cisco catalyst 3850 12 port 10G Fiber switch IP Service	2	units	- Short range transceiver SFP+ 10G-SR - 12 ports 10G SFP+ Switch - Rack-mountable and Stackable Layer 3 switch - 12 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) uplinks - Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) - Standard 802.1d Spanning Tree support - Stackwise and stackpower cables - Redundant hot-swappable Power Supply - Should be compatible with IBM existing Network Solution (CISCO)
		4	units	Long range transceiver SFP+ 10G-LR (compatible)
		20	units	Short range transceiver SFP 10G-SR (compatible)
		4	units	Stacking Module
		2	units	Cisco Stackwise and Stackpower
samsung	Samsung UD55E-B 55" 500nit, 247,	3	units	Samsung UD55E-B

9

	2.3mm(U/L), 1.2mm(R/B), 21.6kg, VESA600X400, Haze 75%, DP 1.2 Digital Daisy Chain	3	units	Wall brackets(LSW350R)
HP	CLIENT WORKSTATION capable to operate for 24/7 IIP 800 G4 TWR Country Kit PHIL1	4	sets	6th generation Intel Core i7-8700 3.6GHz Processor
				16GB DDR4 2133/2400MHz memory 2 Terabyte Solid State Hybrid Drive PCIe Quad Monitor Video Card 6GB GDDR5 Digital Video Disc Drive DVD-RW 24x SATA 24" LED Monitor USB Keyboard and Mouse 10/100/1000 GigaBit Ethernet Windows 10 Professional Enterprise Edition (64bit) Video Management Software
Aton	KVM CONSOLE PS/2 VGA SLIDEAWAY™ Console; 17" TFT-LCD, KB, & Touchpad; w/ 1.8m USB KVM Cable)	1	unit	USB KVM Cables Standard Keyboard Layout Furin Factor 1U 17" Rackmount LED Monitor Graphic display resolution of at least 1366 x 768 On Screen Display (OSD) Menu Video - Standard VGA with resolution of at least 1280x1024 WXGA
premium	OTHER REQUIRED MATERIALS	4	units	24 Ports Cat6 Rackmountable Patch Panel (LOADED) including patch cables
premium		56	units	5 Mtr Patch Cable
premium		1	unit	24 ports Rackmountable Fiber Patch Panel with LC couplers (Single Mode and Multi Mode)
premium		4	units	12 ports Rackmountable Fiber Patch Panel with Multi-mode LC couplers
generic		2	units	2 Screen Monitor Stand
premium		1	lot	Wires/cable and termination such as Fiber Optic Cable (OM3 Multi-mode, 4-core), HDMI/VGA cables, UTP Cable Category 6, RJ 45, terminal box and keystone jack.
generic		1	lot	Roughing-in materials such as cable trays, cable ties, moldings, EMT pipes, manholes, junction boxes, hangers and support.

Supply, Delivery, Fabrication, Installation, Testing and commissioning of Public Address System

TOA	Speaker TOA	116	pcs	Color Speaker, 6 Inch/W White, Wide Dispersion, Constant Power, 140W, Coverage, 16 Ohm Input, UL-2043	
TOA	UPS APC SMT1000RM12UC APC Smart-UPS 1000VA LCD RM 2U 230V with SmartConnect 700 Watts	1	set	Smart UPS, 800VA Rack Mounted, LCD, 230 V, 30 min. 70dB-A noise	
TOA	Amplifier	1	set	System Management Amplifier, 300W ch, 24V, 40A	
TOA	Extension Amplifier	1	set	System Management Extension Amplifier, 600W ch, 230V, 80A	
TOA	Screen Player	1	set	USB 3.0/MIDI/2.0/EMU Bluetooth Screen media player	
TOA	Monitor Panel	1	set	Monitor Panel Anal/vanal user control, Channel selector switch, Monitor volume control, Wall mount, Line voltage selector switch, 28 V (24 V), 30 V (24 V), 30 V (24 V), 100 V (110 V) switchable, 2.5A, 60Hz	
TOA	Monitor Control, Pugin Console	1	set	Micro Series Player Desktop with push-to-talk, 10.4" monitor	
TOA	Remote Microphone	1	set	Remote Microphone	
TOA	Labor Installation	1	lot		
				Grand total	25,968,060.00

TERMS AND CONDITIONS:

PRICE
Prices are in Philippine Peso (PhP), FOB Manila and are inclusive of the twelve-percent (12%) Value Added Tax (VAT)

TERMS OF PAYMENT
30 days

DELIVERY
January 31, 2020

VALIDITY
All quoted prices are valid for 120 days from the date of opening of bids

We sincerely look forward to be of service to you and your company.

Very truly yours,

Dexter Dantes
Account Manager
Irbahn Communication Inc.
2nd Fl. DRB Bldg.
973 Aurora Blvd. Cubao D.C.
Tel: 011-3988 local 178

www.irbaha.net

9

Section VI. Schedule of Requirements

(Revised)

The delivery schedule expressed as weeks/months stipulates hereafter the date of delivery to the project site.

Item	Description	Quantity	Contract Duration
	The Contractor shall provide the following materials, tools and equipment, manpower, and supervision needed for the project:		
1	Submission of shop drawings for approval of the DBM – Administrative Service		5 days from receipt of NTP
2	Supply, Delivery, Fabrication, and Installation of Structured Cabling with Wired and Wireless Network Solution	1 lot	January 31, 2020
3	Supply, Delivery, Fabrication, and Installation of IP Closed Circuit Television (CCTV) System		
4	Supply, Delivery, Fabrication, and Installation of Public Address System		
5	Rough-in and Restoration Works		
	Testing and Commissioning		
6	Conduct of project turn-over training		
7	Warranty		
	Response time for the repair and replacement of defective parts/unit	Within 24 hours from verbal or written notice from DBM	

I hereby certify to comply and deliver all the above requirements.

InfoBahn Communication Inc.

Dexter D. Dames

10-22-19

Name of Company/Bidder

Signature over Printed Name of Representative

Date

Section VII. Technical Specifications

Bidders must state here either "Comply" or any equivalent term in the column "Bidder's Statement of Compliance" against each of the individual parameters of each "Specification."

Item	Specification	Bidder's Statement of Compliance
I	<p>MATERIALS/EQUIPMENT COMPLIANCE</p> <p><i>General Requirements</i></p> <ul style="list-style-type: none"> • Expected project/contract output/outcome: Fully functional Network system, CCTV system, and Public Address system completed within industry standard practices (End to End Solution, including licensed software/application). Hence, the contractor shall provide all the necessary materials, equipment, tools, labor, and supervision to complete the project as intended/expected; • The Contractor shall verify all the quantities of materials and equipment needed to complete the project as intended. • The Contractor shall be responsible for the accuracy and completeness of all items of work, materials, equipment, tools, and labor which shall be covered in his bid; • In case of missing materials or equipment inadvertently not included in the Schedule of Requirement and Technical Specification, the additional materials/equipment shall be supplied, delivered, installed, fabricated, tested and commissioned by the contractor without additional/extra cost to the DBM; • All materials and equipment shall be compatible with DBM existing Network Solution (integration, manageability and routing); • The Structured Cabling/Network Solution, CCTV and Public Address system shall be stand-alone/separate from each other. Hence, there are no connectivity between the Structured Cabling, Network Solution/Equipment, CCTV system, and Public Address System; • The Contractor shall visit the jobsite to familiarize himself with the existing condition prior to submission of bid: 	<p>Comply</p>

- Cabling works shall be tested using certification tool with print out;
- Use only one brand for cabling works;
- The Contractor shall be accredited installer/supplier of the cable brand. A certificate of authorized dealer/installer shall be submitted to the DBM-AS during contract implementation;
- The cost of rough-in, demolition, and restoration works shall be on the account of the contractor;
- All rough-in and demolition works shall be supervised by the General Contractor - Dynamic Builders and Construction Co. (Phils). Inc. (DBCCI) - considering that the Arache Building is still under their warranty;
- All restoration works shall only be done by DBCCI. Hence, the cabling contractor shall coordinate and pay DBCCI for the supervision and restoration works of all affected areas.
- The contractor must have the following Certified Professionals: (certificates must be submitted in the submission of bid documents and subject for post qualification)
 - a. Manufacturer-Certified IP-CCTV Surveillance Administrator and/or Professional;
 - b. Manufacturer-Certified Network Professional;
 - c. Manufacturer-Certified Network Associate.
- The same IDF/Rack will be used for Data, Voice and IP-CCTV.
- The contractor shall provide training based on the schedule below:

Comply

Technical Training	Schedule	No. of Participants	Duration
Project Turn-over Training	Three (3) Consecutive Days	At least five (5) participants per conduct	One (1) Batch per day

- The contractor shall issue individual training certificates and training materials for each of the participants. A certificate of acceptance shall be issued by the Director of the Administrative Service.

Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution

REFERENCE DRAWINGS:

DRAWING NO	TITLE
AUX 01-B OF 11	VOICE & DATA RISER DIAGRAM
AUX 03-A OF 11	VOICE & DATA SYSTEM LAYOUT- GROUND FLR
AUX 03-B OF 11	VOICE & DATA SYSTEM LAYOUT- MEZZANINE
AUX 04-A OF 11	VOICE & DATA SYSTEM LAYOUT- SECOND FLOOR
AUX 04-B OF 11	VOICE & DATA SYSTEM LAYOUT THIRD FLOOR
AUX 03-M OF 11	MISCELLANEOUS DETAILS

Comply

- a) Supply and install three (3) empty 63 mm diameter SCH 40, PVC conduits for PLDT, Globe Telecom and Converge from the exterior wall of the Building to the pull boxes and Cabinets allocated for each provider as shown on Drawings AUX 01-B, AUX 03-B and AUX 04-A.
- b) Supply and installation of FO entrance cables from building exterior wall to the Pull Boxes and related Cabinets shall be responsibility of the respective TELCO Service Providers.
- c) Supply and install two (2) multimode FO backbone cables from the Service Provider cabinets thru the Main Distribution Frame at the Mezzanine to the Intermediate Distribution Frame, IDF-G, at the Ground Floor. Perform end to end termination and testing of the FO cables.
- d) Supply and install two (2) 63 mm diameter PVC conduit from IDF-G to the Main Distribution Frame (MDF) located at the Mezzanine Floor Server Room.
- e) Supply and install two (2) multimode FO cables from IDF-G to the Main Distribution Frame. Perform end to end termination and testing of the FO cables.
- f) Supply and install three (3) 63 mm diameter PVC conduits from the MDF thru two (2) PB-7 boxes located at Mezzanine and Second Floor to Intermediate Distribution Frame 2 (IDF-2). Two (2) of the conduits shall be spare.

- 7) Supply and install FO backbone cables from the MDF to IDF-G and from MDF to IDF-2. Perform end to end termination of the cable, including the required testing.
- 8) Construct two (2) 300 mm square x 300 deep Hand hole along Nepomuceno corner Sofano Street (Grid lines A and 6-8) as shown on Drawing AUX 03-A OF 11. Cut concrete slab, excavate trench and install three (3) 63 mm diameter PVC conduits, including Risers to the Second Floor and down to the MDF at the Mezzanine Floor. Restore surface to match the existing slab and finish after completion of conduit roughing in. Installation of FO cables will be done by DBM at a later date. Contractor shall provide 30 mm diameter nylon pulling rope in each conduit.
- 9) Supply and install two (2) CAT6 plenum UTP cables, 4-pairs 23 AWG from the Server rooms and the respected voice and data outlets beginning Mezzanine to the Third Floor.
- 10) Supply, install and terminate 376 duplex voice and data RJ45 modular jack female outlets and associated cover at the rooms from Mezzanine to the Third floor.
- 11) Provide and install all the required conduits, boxes and supports (wall and ceiling), as required, to complete the raceways system of the structural cabling.
- 12) Perform end to end termination of FO cables including all the required testing, from MDF to IDF's.
- 13) Perform all the required testing for the structured cabling.
- 14) Submit Shop Drawings for the approval of the Project Manager/Consultant.
- 15) Contractor to provide services to obtain the required documentation for the application and approval for the final connection of the communication systems to the respected Telephone Company
- 16) Technical specifications of materials are as follows (quantity shall be based on the intention of the plans):

Comply

Description	Specification
Voice and Data Port/outlet, Jack, Modular	Jack, Female , RJ45 , Modular, Ethernet 10/100 Base, Cat6, Voice and data
Plug, modular	UTP Plug, modular, RJ45, CAT6
Plate, wall	Cat6 two port wall cover plate, mounted on furniture raceway on wall as shown on plans.
UTP Cables	<u>UTP cable, Cat6, plenum, gray, 23AWG, 4 Pair, Solid Bare Copper, 550MHz, ETL Listed, Unshielded Twisted Pair (UTP).</u>

	<u>Ethernet Cable</u>	
UTP Patch Cord, 6-foot length	UTP Patch Cord, Cat 6 Ethernet Cable, Snagless Patch, 6 Feet -- Snagless, RJ45 Computer LAN Network Cord, Blue	
UTP Patch Cord, 3-foot length	UTP Patch Cord, Cat 6 Ethernet Cable, Snagless Patch, 3 Feet -- Snagless, RJ45 Computer LAN Network Cord, Blue	
Power Distribution Unit	1U Rackmount managed Power Strip, network grade. 12 outlets (6 front/6 rear), right angle, IEC 320 C13, 15A, 2-pole 3-wire, grounding type receptacles Designed for standard 19-inch wide racks 15 ft. cord, IEC 320 C19 Plug; with 20A, 5KA, 230V circuit breaker	Comply
Fiber Optic Cable	8 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode, OM3, 62.5/125, Black, OFNR, 4100 MHz @ 850 nm, including end to end termination from MDF to IDF's.	
Fiber Optic Patch Cord	LC TO LC Fiber Optic Patch Cord, 40 Gb Multimode OM3, MPO to 8xLC Fiber Optic Cable, 50/125 um, 2-meter L.G,	
Clean Agent Fire Extinguisher	HCFC 123 with 99.6 - 100% purity, applicable for all classes of fire (ABC) ceiling mounted with steel hangers & brackets.	
Grounding wires and conduit	(a) 22 mm ² green insulated conductor, TW, GREEN (b) 25mmØ PVC conduit with hangers	
Ground Rod Copper Clad	16mmØ x 2400mm (L) with ground clamp connector, exothermic process, resistance reading equivalent or less than 25 ohms	
Grounding Terminal Bus @ Server Room	Ground Bus 25mm x 400mm x 10mm (T) copper with isolated insulator with 20pcs. 8mmØ hole in metal box Ga.16 size 200mm (H) x 600mm (L) x 150mm (D)	

9

	and removal front cover made of clear plastic 1/4" thick size 550mm (L) x 175mm (H).	
Main Distribution Frame @ server room mezzanine level	Distribution Rack, slidable, multiples of 1U frame, 48 LC Fibers, Sliding Tray, Telescopic Rail Distribution Rack, Steel, adjustable depth, black 28" to 36"x 74" High. 40 RU Complete with horizontal (closed design cover) and Vertical Cable Managers with grounding terminal 6 pcs for #8 wires with surge protected device (SPD).	Comply
Intermediate Distribution Frame	Rack. Open frame, Free Standing, fixed, 32" depth, 74" high 19" wide panels for 1U incremental thickness panels. complete with fixing screws depth. black Complete horizontal (closed design cover) and with Vertical Cable Managers with grounding terminal 6 pcs for #8 wires with surge protected device (SPD).	
Patch Panel, fiber optic (Main distribution Frame)	12 ports. Rack mounted, 19" Preloaded Fiber Enclosure, 1U. (12) Duplex LC Pair	
Raceway, Rectangular	<i>100mm x 50mm x 2438mm (2"x4"x8') Ga. 22 metal raceway with anti-rust coat and final coat of grey.</i>	
Pull boxes, Junction Boxes, & Utility Boxes	<i>Sizes as required, Ga 16 min thickness with anti-rust coat and final coat of grey</i>	
24-Port 1U Rack-Mount Cat6/Cat5 Patch Panel	<i>19-inch rackmount ready, Solid 16 Gauge Steel with black paint, 24 Flush Mounted RJ45 ports, 110 type punch down termination (color coded), TIA/EIA 568A and 568B Compliant</i>	

9) Technical specifications of network equipment are as follows (minimum quantity):

Description	Specification	Qty
Branded and brand new 12 ports 10G SFP+ Switch	<ul style="list-style-type: none"> • Rack-mountable and Stackable Layer 3 switch. • 12 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) • Two (2) units of long range transceiver 	2 units

		<ul style="list-style-type: none"> • SFP-10G-LR per switch • Ten (10) units of short range transceiver SFP-10G-SR per switch • One (1) unit of Stacking Module per switch • Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) • Standard 802.1d Spanning Tree support • One (1) unit of Stack wise and stack power cables • Redundant Hot-swappable Power Supply 			
	Branded and brand new Network Switch	<ul style="list-style-type: none"> • 10/100/1000 48 Ethernet Ports • Uplink: 2x10G SFP+ Ports (with SFP+ optic transceiver module SR) • Support both IEEE 802.3af Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port) • Support maximum 24 ports up to 30W (802.3at PoE+) • Support maximum 48 ports up to 15.4W (802.3af PoE) • Total available PoE power 740W • LAN Base feature set • Support FlexStack+ for stacking of up to 8 switches with 80 Gbps of stack throughput 	10 units		
	Branded and brand new WLAN Controller	<ul style="list-style-type: none"> • Digital Network Architecture (DNA) Software Defined Access (SD-Access) Wireless <ul style="list-style-type: none"> a) Enables network access in minutes for any user or device to any application without compromising on security. b) Enables policy-based automation for wired and wireless, automated provisioning of wired and wireless networks, group-based policy for users and connected devices. • DNA Analytics and Assurance <ul style="list-style-type: none"> a) Enables comprehensive network visibility. Capable to collect data from users, devices, and applications to proactively identify problems. Network analytics and automation to increase availability and deliver a better user experience. • Optimized to enable 802.11ac Wave 2 next-generation networks, supporting: <ul style="list-style-type: none"> α) 30-Gbps throughput β) 1500 access points γ) 20,000 clients δ) 4096 VLANs • Radio Frequency (RF) management <ul style="list-style-type: none"> a) Proactively identifies and 	2 units		

Comply

		<p>mitigates signal interference for better performance.</p> <p>b) Provides both real-time and historical information about RF interference affecting network performance across controllers, through system wide integration with Cisco Clean Air technology.</p> <ul style="list-style-type: none"> • Multimode with indoor, outdoor mesh access points <ul style="list-style-type: none"> a) Versatile controller with support for centralized, distributed, and mesh deployments to be used at different places in the network, offering maximum flexibility for medium-sized campus, enterprise, and branch networks. b) Centralized control, management, and client troubleshooting. c) Seamless client access in the event of a WAN link failure (local data switching). d) Highly secure guest access. e) Efficient access point upgrade that optimizes the WAN link utilization. f) Supports corporate wireless service for mobile and remote workers with secure wired tunnels to indoor Cisco Aironet access points supporting Office Extend mode. • Comprehensive end-to-end security <ul style="list-style-type: none"> a) Offers Control and Provisioning of Wireless Access Points (CAPWAP)-compliant Datagram Transport Layer Security (DTLS) encryption on the control plane between access points and controllers across remote WAN links. b) Management frame protection detects malicious users and alerts network administrators. c) Rogue detection for Payment Card Industry (PCI) compliance. d) Rogue access point detection and detection of denial-of-service attacks. • Fault tolerance and high availability <ul style="list-style-type: none"> a) Subsecond access point and client failover for uninterrupted application availability. b) Redundant 1 Gigabit Ethernet/10 Gigabit Ethernet connectivity. c) Solid-state device-based storage 		<p>Comply</p>
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		<ul style="list-style-type: none"> - no moving parts. d) Redundant, hot-swappable power supply. e) Enhanced system uptime with fast system restarts. • Enterprise Wireless Mesh that allows access points to dynamically establish wireless connections without the need for a physical connection to the wired network. • WLAN express setup that simplified GUI wizard for quick setup and intuitive dashboards for monitoring and troubleshooting. • High-performance video stream technology that optimizes the delivery of video applications across the WLAN. • Mobility, security, and management for IPv6 and dual-stack clients <ul style="list-style-type: none"> a) Highly secure, reliable wireless connectivity and consistent end-user experience. b) Increased network availability through proactive blocking of known threats. c) Equips administrators for IPv6 planning, troubleshooting, and client traceability. • Wired/Switching/Routing <ul style="list-style-type: none"> a) IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX specification, 1000BASE-T, 1000BASE-SX, 1000-BASE-LH, IEEE 802.1Q VLAN tagging, and IEEE 802.1AX Link Aggregation. • Wireless Specifications <ul style="list-style-type: none"> a) IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11e, 802.11h, 802.11n, 802.11k, 802.11r, 802.11u, 802.11w, 802.11ac Wave1 and Wave2 • Data Request For Comments (RFC) <ul style="list-style-type: none"> a) RFC 768 UDP b) RFC 791 IP c) RFC 2460 IPv6 d) RFC 792 ICMP e) RFC 793 TCP f) RFC 826 ARP g) RFC 1122 Requirements for Internet Hosts h) RFC 1519 CDDR RFC 1542 BOOTP i) RFC 2131 DHCP j) RFC 5415 CAPWAP Protocol Specification k) RFC 5416 CAPWAP Binding for 802.11 • Security Standards 		<p style="text-align: center;">Comply</p>
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		<ul style="list-style-type: none"> a) IEEE 802.11i (WPA2, RSN) b) RFC 1321 MD5 Message-Digest Algorithm c) RFC 1851 ESP Triple DES Transform d) RFC 2104 HMAC: Keyed Hashing for Message Authentication e) RFC 2246 TLS Protocol Version 1.0 f) RFC 2401 Security Architecture for the Internet Protocol g) RFC 2403 HMAC-MD5-96 within ESP and AH h) RFC 2404 HMAC-SHA-1-96 within ESP and AH i) RFC 2405 ESP DES-CBC Cipher Algorithm with Explicit IV j) RFC 2407 Interpretation for ISAKMP k) RFC 2408 ISAKMP l) RFC 2409 IKE m) RFC 2451 ESP CBC-Mode Cipher Algorithms n) RFC 3280 Internet X.509 PKI Certificate and CRL Profile o) RFC 4347 Datagram Transport Layer Security p) RFC 5246 TLS Protocol Version 1.2 ▪ Encryption <ul style="list-style-type: none"> a) Wired Equivalent Privacy (WEP) and Temporal Key Integrity Protocol-Message Integrity Check (TKIP-MIC): RC4 40, 104 and 128 bits (both static and shared keys) b) Advanced Encryption Standard (AES): Cipher Block Chaining (CBC), Counter with CBC-MAC (CCM), Counter with Cipher Block Chaining Message Authentication Code Protocol (CCMP) c) Message Authentication Code Protocol (CCMP) d) Secure Sockets Layer (SSL) and Transport Layer Security (TLS): RC4 128-bit and RSA 1024-bit and 2048-bit e) DTLS: AES-CBC f) IPsec: DES-CBC, 3DES, AES-CBC g) 802.1AE MACsec encryption ▪ Authentication, Authorization, and Accounting (AAA) <ul style="list-style-type: none"> a) IEEE 802.1X 		Comply
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		<ul style="list-style-type: none"> b) RFC 2548 Microsoft Vendor-Specific RADIUS Attributes c) RFC 2716 PPP EAP-TLS d) RFC 2865 RADIUS Authentication e) RFC 2866 RADIUS Accounting f) RFC 2867 RADIUS Tunnel Accounting g) RFC 2869 RADIUS Extensions h) RFC 3576 Dynamic Authorization Extensions to RADIUS i) RFC 5176 Dynamic Authorization Extensions to RADIUS j) RFC 3579 RADIUS Support for EAP k) RFC 3580 IEEE 802.1X RADIUS Guidelines l) RFC 3748 Extensible Authentication Protocol (EAP) m) Web-based authentication n) TACACS support for management users • Management <ul style="list-style-type: none"> a) Simple Network Management Protocol (SNMP) v1, v2c, v3 b) RFC 1155 Management Information for TCP/IP-Based Internets c) RFC 1156 MIB d) RFC 1157 SNMP e) RFC 1213 SNMP MIB II f) RFC 1350 TFTP g) RFC 1643 Ethernet MIB h) RFC 2030 SNMP i) RFC 2616 HTTP j) RFC 2665 Ethernet-Like Interface Types MIB k) RFC 2674 Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering, and Virtual Extensions l) RFC 2819 RMON MIB m) RFC 2863 Interfaces Group MIB n) RFC 3164 Syslog o) RFC 3414 User-Based Security Model (USM) for SNMPv3 p) RFC 3418 MIB for SNMP q) RFC 3636 Definitions of Managed Objects for IEEE 802.3 MAUs r) Cisco private MIBs • Management Interfaces <ul style="list-style-type: none"> a) Web-based: HTTP/HTTPS b) Command-line interface: Secure Shell (SSH) Protocol, serial port • Interfaces and Indicators 		Comply
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		<ul style="list-style-type: none"> a) 2 x 10 Gigabit Ethernet interfaces b) Small Form-Factor Pluggable (SFP)/Small Form-Factor Pluggable Plus (SFP+) options (only Cisco SFP/SFP+ supported), including S-Class Optics. c) 1 x service port: 1 Gigabit Ethernet port (RJ-45) d) 1 x redundancy port: 1 Gigabit Ethernet port (RJ-45) e) 1 x Cisco Integrated Management Controller port: 10/100/1000 Ethernet f) 1 x console port: Serial port (RJ-45) g) LED indicators: Network Link, Diagnostics 		Comply
	<p>Branded and brand new Wireless Access Point</p>	<ul style="list-style-type: none"> ▪ Flexible radio assignment that allows the access points to intelligently determine the operating mode of serving radios based on the RF environment. The access points can operate in the following modes: <ul style="list-style-type: none"> a) 2.4-GHz and 5-GHz mode: One radio will serve clients in 2.4-GHz mode, while the other serves clients in 5-GHz mode. b) Dual 5-GHz mode: Both radios inside the access point operate on the 5-GHz band, maximizing the benefits of 802.11ac Wave 2 and increasing client device capacity. c) Security Monitoring and 5-GHz mode: One radio will serve 5-GHz clients, while the other is scanning the full spectrum for WIPS attackers, CleanAir interferers, and rogue devices. • Dual 5-GHz radio support that enables both radios to operate in 5-GHz client serving mode, allowing an industry-leading 5.2 Gbps (2 x 2.6 Gbps) over-the-air speeds while increasing client capacity. ▪ Smart antenna connector that provides advanced network design flexibility for high-density and large open-area environments such as auditoriums, libraries, cafeterias, and conference room, allowing two sets of antennas to be connected and active on a single access point. • Supporting channels up to 160 MHz wide, Dynamic Bandwidth Selection allows the access point to dynamically 	As per plan	

		<p>switch between 20-, 40-, 80-, and 160-MHz channels, depending on the RF channel conditions, providing the industry's best-performing wireless network.</p> <ul style="list-style-type: none"> • Optimized access point roaming to ensure that client devices associate with the access point in their coverage range that offers the fastest data rate available. • Zero impact application visibility and control that uses dedicated hardware acceleration to improve the performance of line-speed applications such as Application Visibility and Control. • Auto link aggregation (LAG) allowing both Gigabit Ethernet interfaces to automatically LAG, increasing overall throughput to the access point. • Client Link 4.0 technology to improve downlink performance to all mobile devices, including one-, two-, and three-spatial-stream devices on 802.11a/b/g/n/ac while improving battery life on mobile devices such as smart phones and tablets. • Multipole-Input and Multiple-Output (MIMO) equalization capabilities, which optimize uplink performance and reliability by reducing the impact of signal fade. 802.11n version 2.0, 802.11ac Wave 1/Wave 2 capabilities: <ul style="list-style-type: none"> a) 4x4 MIMO with three spatial streams b) Maximal Ratio Combining (MRC) c) 802.11n/802.11g/802.11ac beamforming d) 20-/40-/80-/160-MHz channels e) PHY data rates up to 450 Mbps (40 MHz with 5 GHz)/1.3 Gbps (80 MHz in 5GHz)/ 5.2 Gbps. f) Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) g) 802.11 Dynamic Frequency Selection (DFS) h) Cyclic Shift Diversity (CSD) support • I.A.10 Integrated antenna, flexible radio (either 2.4 GHz or 5 GHz) <ul style="list-style-type: none"> a) 2.4 GHz, gain 4 dBi, internal antenna, omnidirectional in azimuth. b) 5 GHz, gain 6 dBi, internal directional antenna, elevation plane beamwidth 90°. c) Dedicated 5 GHz radio, gain 5 dBi, internal antenna, 		<p>Comply</p>
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		<p>omnidirectional in azimuth.</p> <ul style="list-style-type: none"> • System memory <ul style="list-style-type: none"> α) 1024 MB DRAM β) 256 MB flash • Interfaces and Indicators <ul style="list-style-type: none"> α) 2x 100/1000BASE-T autosensing (RJ-45) β) Management console port (RJ-45) γ) USB 2.0 (enabled via future software) δ) Status LED indicates boot loader status, association status, operating status, boot loader warnings, boot loader errors. 		Comply
	<p>Branded and Brand new Uninterruptable Power Supply</p>	<ul style="list-style-type: none"> • 2100 Watts/ 3000VA, Input / Output 220V, 3U rack mountable UPS • LCD status Display that will provide key UPS status at glance • Automatic voltage regulation the gives higher application availability by correcting low and high voltage conditions without using the battery • Power conditioning that will protect connected loads from surges, spikes, lightning, and other power disturbance • Audible alarms to know if the unit is on battery, if the battery is low or in there is an overload condition. • Resettable circuit breakers that enables a quick recovery from overload events. • Battery failure notification that will provide early-warning fault on batteries enabling timely preventive maintenance. • Hot-swappable batteries to ensure uninterrupted power to protect equipment while batteries are being replaced. 		
<p>q) Scope of work for door access control system are as follows (minimum quantity):</p> <p style="margin-left: 40px;">a. Supply and install conduits, boxes and related supports for the Door Access Control System from the Server Room DACS panel at the Mezzanine Floor to each respected location of door access of Ground thru Third Floors, as shown on the above listed reference drawings.</p>				

- b. At the Ground Floor, DACS conduits and wires shall be homerun to the DACS Panel located at that floor and connected to the IDF at the Server Room, also at the Ground Floor.
 - c. At the Mezzanine, Second and Third Floors, DACS conduits and wires shall be homerun to the DACS Panels located at the Mezzanine and Second Floors and connected to the IDF at the DBM Server Room located at the Mezzanine.
- r) Technical specification for door access control system are as follows (minimum quantity):

Comply

Description	Specification	Qty
DACS PANEL /CONTROLLER	<ul style="list-style-type: none"> • Unlimited Door Time Zones (20 zones per time zone) • 256 User Time Zones • 32 One-Time Special Event Door Time Zones (single zone) • 50 Door/User Holiday Groups <p>Users:</p> <ul style="list-style-type: none"> • Holds 5,000 cardholders minimum <p>Events: 5,000 events Minimum</p> <p>Display:</p> <ul style="list-style-type: none"> • 2-line x 16 character LCD Display • 1 heartbeat LED • 1 on/offline indication LED • 2 power LEDs • 3 relay output indication LEDs • 2 reader LEDs • 2 network LEDs <p>Time:</p>	19 sets

g

		<ul style="list-style-type: none"> Maintains up to 1 month without power connection Automatic DST switch <p>Communication:</p> <ul style="list-style-type: none"> Between each controller and Access Control Management web server. Ethernet 10/100 Mbps <p>Power Input:</p> <ul style="list-style-type: none"> 1 x RJ45 Power Over Ethernet (PoE) Port -- IEEE 802.3af PoE standard (15.4 W) 		Comply
	COMPUTER SERVER, MONITOR & PRINTER	<ol style="list-style-type: none"> 8th generation Intel Core i7 – 3.2 GHZ Processor 16GB DDR4 2133/2400MHZ memory 2 Terabyte Solid State Hybrid Drive PCIe Quad Monitor Video Card 6GB gddr5 Digital Video Disc Drive DVD-RW 24X SATA 17" LED Monitor USB Keyboard and Mouse 10/100/1000 Gigabit Ethernet Windows 10 Professional Video Management Colored printer 	1 set	
	DOOR ACCESS BIOMETRIC READER DEVICE	<p>Capacity</p> <ul style="list-style-type: none"> Fingerprint: 4000 Face: 2,000 Card: 10,000 <p>Display:</p> <ul style="list-style-type: none"> 2.8 Inch TFT-LCD Touch Screen 	38 sets	

		<p>Communication:</p> <ul style="list-style-type: none"> Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoE splitter) <p>Environment:</p> <ul style="list-style-type: none"> Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Humidity: 20% to 80% Dimensions <p>Supported Card Formats ID Card 125 KHz</p>		Comply
	DOOR MAGNETIC SWITCH	<ul style="list-style-type: none"> Energy: 490mA Auto-Sensing 12-24VDC (Base unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs 	19 sets	
	PDU	<p>1U Rackmount managed Power Strip, network grade.</p> <p>8 outlets; IEC 320 C13, 15A, 2-pole 3-wire, grounding type receptacles</p> <p>Designed for standard 19-inch wide racks</p> <p>15 ft. cord, IEC 320 C19 Plug; with 20A, 5KA, 230V circuit breaker</p>	3 sets	
	UPS	<p>Uninterruptible Power Supply, 1-Kva minimum, Line-Interactive Sine Wave UPS, 2U Rack mounted, Network Card Options, 8 Outlets; IEC 320 C13, 2-pole, 3-wire; LCD Display; 230V, 60Hz input with NEMA 6-20P plug.</p>	1 set	

Supply, Delivery, Fabrication, Installation, Testing and Commissioning of IP CCTV System

REFERENCE DRAWINGS:

DRAWING NO	TITLE
AUX 02-A OF 11	CCTV RISER DIAGRAM
AUX 06-B OF 11	CCTV, 3 RD FLOOR
AUX 06-A OF 11	CCTV, 2 ND FLOOR
AUX 05-B OF 11	CCTV, MEZZ. FLOOR
AUX 05-A OF 11	CCTV, GROUND FLOOR

Comply

- a) Installation of all necessary materials and equipment as per plan
- b) Technical specification for CCTV equipment are as follows (minimum quantity):

Descripti on	Specification	Qty.
Branded and brand new Network Video Recorder (NVR)	<ul style="list-style-type: none"> • Capable to start the recording in response to situation triggered by motion detection. • Supports multiple Video Content Analytics (VCA) events. • Must be Open Network Video Interface Forum (ONVIF) compliant (Profile S or G). • Must have a capability to export video to various formats (e.g. AVI, MP4, MJPEG). • Rack-mountable chassis. • Up to thirty two (32) units of IP Camera per NVR can be connected. • Supports decoding format H.265, H.265+, H.264, H.264+ and MPEG4 • Full channel recording at up to 12MP resolution. • Should have 2 Gigabit Ethernet network interfaces. • Should have VGA and HDMI video interfaces. • Should have USB 2.0 and USB 3.0 interfaces. • Hard Disk Drive (HDD) hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable. 	4 units

		<ul style="list-style-type: none"> • Up to 8 Serial Advanced Technology Attachment (SATA) interfaces and 1 eSATA for HDD connection. • Eight (8) x 10 TB Enterprise Grade Hard Disk Drive (HDD) for each NVR, HDD must be designed to ensure seamless video footage capture in 24x7 surveillance workloads. • AC Input Voltage: 100 – 240 V AC, 50 to 60 Hz. 		Comply
	Branded and brand new Network Outdoor PTZ Camera with 3 channels panoramic camera	<ul style="list-style-type: none"> • PTZ Camera: <ul style="list-style-type: none"> a) 2MP HD camera that can provide sharp images even in low-light environment b) Image Sensor of 1/2.8" progressive scan CMOS c) 10 x optical zoom and 8 x digital zoom d) 1920x1088 (1080p) @ 30 frames per second (fps) e) 50 meters IR Range f) Digital Wide Dynamic Range g) Support PTZ Linkage • Three (3) Channel Panoramic Camera: <ul style="list-style-type: none"> α) 2MP HD camera that can provide sharp images even in low-light environment β) 1080p Resolution @ 30 fps γ) Image Sensor of 1/2.8" progressive scan CMOS δ) 20 meters IR Range ε) Digital Wide Dynamic Range • Video Compression: H.265+, H.265, H.264+, H.264, MJPEG • Video Bitrate: 256 Kbps to 8192 Kbps • 3D Digital Noise Reduction • ONVIF compliant (Profile S or G) • Weather proof with Ingress Protection (IP) rating 66 • Impact Protection (IK) rating 10 • 12 VDC Power over Ethernet (POE+ 802.3at) maximum of 27W 	As per plan	
	Branded and brand new Dome Type IP Camera	<ul style="list-style-type: none"> • 2MP HD camera that can provide sharp images even in low-light environment • 1080p Resolution @ 30 fps • Video Bitrate: 256 Kbps to 8192 Kbps • 2.8 to 12 mm Vari-Focal Lens • Video Compression: H.265+, H.265, H.264+, H.264, MJPEG • 3D Digital Noise Reduction • 30 meters IR Range • 120 dB Wide Dynamic Range (WDR) • ONVIF compliant (Profile S or G) • Weather proof with Ingress Protection (IP) rating 66 • Impact Protection (IK) rating 10 	As per plan	

		<ul style="list-style-type: none"> • 12 VDC and Power over Ethernet (PoE) (802.3af) • Behavior Analysis: Intrusion detection. Unattended baggage/Object removal detection 		Comply
	Branded and brand new 24 ports Power over Ethernet (POE) Network Switch	<ul style="list-style-type: none"> • Rack-mountable Layer 2 switch. • 4 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) uplinks with transceiver. • Twenty-four (24) 10/100/1000 Ethernet Ports. • Support both IEEE 802.3af Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port). • Perpetual PoE support with a power up to 740W. • Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) • Standard 802.1d Spanning Tree support <ul style="list-style-type: none"> • Should be compatible with DBM existing Network Solution (integration, manageability and routing). 	4 units	
	Branded and brand new 12 ports 10G SFP+ Switch	<ul style="list-style-type: none"> • Rack-mountable and Stackable Layer 3 switch. • 12 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) • Two (2) units of long range transceiver SFP-10G-LR per switch • Ten (10) units of short range transceiver SFP-10G-SR per switch <ul style="list-style-type: none"> • Two (2) units of Stacking Module per switch • Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) • Standard 802.1d Spanning Tree support • Two (2) units of Stackwise and stackpower cables • Redundant Hot-swappable Power Supply • Should be compatible with DBM existing Network Solution (integration, manageability and routing). 	2 units	
	Branded and brand new 55 inch Digital Signage TV	<ul style="list-style-type: none"> • Ultra HD Resolution (3840x2160) • Brightness: 450cd/m2 • Panel Technology: In-Plane Switching (IPS) • Internal Memory: 8GB (System 4GB + Available 4GB) • Connectivity Input: HDMI/HDCP2.2, DP/HDCPL3, RGB/DVI 	3 units	

	<ul style="list-style-type: none"> HDTV Formats: 720p, 1080i, 1080p, 2160p Power Supply: 100-240V~, 50/60Hz Quick lock push Video Wall Mounting System 		
Branded and brand new Client Workstation that are capable to operate 24/7	<ul style="list-style-type: none"> 8th generation Intel Core i7 - 3.2 GHz Processor. 16GB DDR4 2133/2400MHz memory. 2 Terabyte Solid State Hybrid Drive. PCIe Quad Monitor Video Card 6GB GDDR5 Digital Video Disc Drive DVD-RW 24X SATA 24" LED Monitor USB Keyboard and Mouse 10/100/1000 Gigabit Ethernet Windows 10 Professional 64 bit Video Management Software 	4 sets	Comply
Branded and brand new Keyboard, Video, Mouse (KVM) Console	<ul style="list-style-type: none"> USB KVM cables Standard Keyboard Layout Form Factor: 1U 17" Rackmount LED Monitor Graphics display resolution of at least 1366 X 768 On Screen Display (OSD) menu Video Standard VGA with resolution of at least 1280x1024 WXGA 	1 unit	
Other required materials	<ul style="list-style-type: none"> Four (4) units of 24 ports Cat6 Rackmountable Patch Panel including the patch cables Four (4) units of 12 ports Fiber Patch Panel with Multi-mode LC couplers One (1) unit of 24 ports Rackmountable Fiber Patch Panel with LC couplers (Single-mode and Multi-Mode) Two (2) units of 2 screen monitor stand. Wires/cable and termination such as Fiber Optic Cable (OM3 Multi-Mode, 4-core), HDMI/VGA cables, UTP Cable Category 6, RJ 45, terminal box and keystone jack. Roughing-in materials such as cable trays, cable ties, moldings, EMT pipes, connectors, junction boxes, hangers and support. 	As per plan	
<p><u>Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Public Address System</u></p>			
AUX 07-A OF 11		PUBLIC ADDRESS AND BACKGROUND GROUND FLOOR	

	LAYOUT	Comply
AUX 07-B OF 11	PUBLIC ADDRESS AND BACKGROUND LAYOUT- MEZZANINE FLOOR	
AUX 08-A OF 11	PUBLIC ADDRESS AND BACKGROUND LAYOUT- 2 ND FLOOR	
AUX 08-B OF 11	PUBLIC ADDRESS AND BACKGROUND LAYOUT- 3 RD FLOOR	

- a) Supply and install conduits, boxes and related supports for the PA & BGM systems, from the Server Rooms to the location of each speaker, as shown on the above-listed referenced drawings.
- b) The above listed reference drawings are diagrammatic and do not show all the required conduit/raceway accessories. Contractor is responsible to supply and install all the required Pull and Junction boxes that are necessary to complete the raceway for the PA & BGM system.
- c) Supply and install shielded twisted pair # 16 AWG TF wires from Server Rooms PA & BGM Rack to the location of each speakers as shown on the above referenced corresponding drawings.
- d) Supply and install conduits and wires to interface PA&BGM with the Fire Alarm Control Panel.
- e) Technical specification for Public Address equipment are as follows (minimum quantity):

Description	Specification	Qty.
Speaker	• Ceiling Speaker, 6-inch, 6W white, Wide-Dispersion Coaxial driver, 140deg. Coverage, 16 Ohm Input, UL-2043	116 pcs
UPS	• Smart UPS, 8000 VA, Rack Mounted, LCD, 230 V, 30 min /back-up time	1 set
Amplifier	• System Management amplifier, 360 W/ch, 230V, 60Hz,	1 set
Extension Amplifier	• System Management extension amplifier, 360 W/ch, 230V, 60Hz.	1 set
Stereo Player	• USB/SD/MMC/CD/FM /Bluetooth Stereo media player	1 set

		Monitor Panel	<ul style="list-style-type: none"> Monitor Panel Aural/visual monitoring, Channel selector switch, Monitor volume control, Watt meter, Line voltage selector switch, 25 V (625 Ω), 50 V (2.5 kΩ), 70 V (5 kΩ), 100 V (10 kΩ) switchable, rack mounted, 230V, 60Hz 	1 set	Comply
		Volume Control, Paging Console	<ul style="list-style-type: none"> Microphone, Paging Desktop, with push-Talk/Lock Button 	1 set	
		Remote Microphone	<ul style="list-style-type: none"> Remote Microphone 	1 set	

Notes: The ocular site visit is scheduled after the Pre-bid conference. Non-Disclosure Agreement will be provided to the prospective bidder during the Pre-bid conference.

I hereby certify to comply with all the above Technical Specifications.

Infobahn Communication Inc.
Name of Company/Bidder

Dexter D. Dantes
Signature over Printed Name of Representative

October 15, 2019
Date

g

Technical specification

DBM Arcache Building project					
Name	Brand	Description	QUANTITY	units	SPECIFICATIONS
Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Arcache Building					
Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution					
	cisco	Cisco switch Catalyst 3850 12 port 10G fiber Switch IP Service	2	units	<ul style="list-style-type: none"> 4x 10Gb SFP+ and Stackable Layer 3 switch 12 x 16 Gbps Small Form-Factor Pluggable Plus (SFP+) Two (2) units of long range transceiver SFP+ 10G-LR per switch (output Net) Two (2) units of short range transceiver SFP+ 10G-SR per switch (output Net) One (1) unit of Stacking Module per switch Support for IEEE 802.3x Link Aggregation Control Protocol (LACP) Standard 802.1d Spanning Tree support One (1) unit of Stack wise and stack power cables Redundant Hot-swappable Power Supply
	cisco	Cisco switch Catalyst 2960-X 48 GgE PoE 740W, 2 x 10G SFP+ LAN Base	10	units	<ul style="list-style-type: none"> 10/100/1000 48 Ethernet Ports Uplink: 2x10G SFP+ Ports (with SFP+ optic transceiver module SFP) Support both IEEE 802.3af Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port) Support maximum 24 ports up to 30W (802.3at PoE+) Support maximum 48 ports up to 15.4W (802.3af PoE) Total available PoE power 740W LAN Base feature set Support FlexStack+ for stacking of up to 8 switches with 80 Gbps of stack throughput
	cisco	Cisco WLAN Controller ONE - 5520 wireless controller w/ rack mounting kit	2	units	<ul style="list-style-type: none"> Digital Network Architecture (DNA) Software Defined Access (SD-Access) Wireless Enables network access in minutes for any user or device to any application without compromising on security. Enables policy-based automation for wired and wireless, automated provisioning of wired and wireless networks, group-based policy for users and connected devices DNA Analytics and Assurance Enables comprehensive network visibility. Capable to collect data from users, devices, and applications to proactively identify problems. Network analytics and automation to increase availability and deliver a better user experience
	cisco	Cisco Wireless Access point 802.11ac W2 AP w/CA; 1x4:3; Int Ant; 2xChE A Domain	22	unit	<ul style="list-style-type: none"> Flexible radio assignment that allows the access points to intelligently determine the operating mode of serving radios based on the RF environment. The access points can operate in the following modes: <ul style="list-style-type: none"> 2 4-GHz and 5-GHz mode: One radio will serve clients in 2 4-GHz mode, while the other serves clients in 5-GHz mode. Dual 5-GHz mode: Both radios inside the access point operate on the 5-GHz band, maximizing the benefits of 802.11ac Wave 2 and increasing client device capacity Security Monitoring and 5-GHz mode: One radio will serve 5-GHz clients, while the other is scanning the full spectrum for WIPS attackers, CleanAir interferers, and rogue devices
		Uninterruptable power supply - APC SMC3000RM2k	5		<ul style="list-style-type: none"> 2100 Watts/3000VA, Input / Output 220V, 2U rack mountable UPS 1.0H status Display that will provide key UPS status at glance Automatic voltage regulation that gives higher application availability by correcting low and high voltage conditions without using the battery Power conditioning that will protect connected loads from surges, spikes, lightning, and other power disturbance

9

	Access panel controller	19	sets	Unlimited Door Time Zones (20 zones per Line zone) 255 User Time Zones 32 One-Time Special Event Door Time Zones (single zone) 50 One/Timer Holiday Groups
HP	work station HP 800 G4 1WR Country Kit PHIL	1	sets	8th generation Intel Core i7 - 3.2 GHz Processor 2) 16GB DDR4 2133/2400MHz memory 3) 1.2 Terabyte Solid State Hybrid Drive 4) PCIe Quad Monitor Video Card GGG yd4/5 5) Digital Video Disc Drive DVD-RW 24X SATA 6) 17" LED Monitor 7) USB Keyboard and Mouse 8) 10/100/1000 Gigabit Ethernet 9) Windows 10 Professional 10) Video Management Canon Pixma MG2570S All-in-One Colour Inkjet Printer
ZK	Door access biometric reader device ZK TechFace 7	38	sets	Capacity Fingerprint: 4000 Face: 2,000 Card: 10,000 Display: 2.8 Inch TFT-LCD Touch Screen Communication: Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoE splitter)
	door magnetic switch	19	sets	Energy: 400mA Auto-Sensing 12-24VDC (Base unit, max at 17VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 100 1-1/2-Hour Monitoring: Local & Remote Relay Outputs
APC	PDU - APC AP7921B RACK PDU, SWITCHED, 1U, 16A, 208/230V, (B)C13	3	sets	1U Rackmount managed Power Strip, network grade. 3 outlets, IEC 320 C13, 15A, 2-pole 3-wire, grounding type receptacles Designed for standard 19-inch wide racks 15 ft. cord, IEC 320 C19 Plug; with 25A, 5KA, 230V circuit breaker
APC	UPS - APC SMT2200RM2UC APC Smart-UPS 2200VA LCD RM 2U 230V with SmartConnect, 1980 Watts	1	set	Uninterruptible Power Supply, 1-Kva minimum, Line-Interactive Sine Wave UPS, 2U Rack mounted, Network Card Options, 3 Outlets, IEC 320 C13, 2-pole 3-wire, LCD Display, 230V, 60Hz input with NEMA 6-20P plug

Supply, Delivery, Fabrication, Installation, Testing and commissioning of IP CCTV System

Hikvision	NETWORK VIDEO RECORDER DS-9632HI 16	4	units	DS-9632HI 16
Hikvision	Western digital WD100PURZ	32	units	10TB Enterprise Grade Hard Disk Drive (HDD)
Hikvision	NETWORK OUTDOOR PTZ w/ 3 Channels Panoramic Camera DS-2PT53261Z-DE	3	units	DS-2PT53261Z-DE Wall Mounting
Hikvision	NETWORK DOME TYPE CAMERA DS-2CD2725FWD-I2S	3	units	Bracket
Hikvision	DS-2CD2725FWD-I2S	51	units	DS-2CD2725FWD-I2S
cisco	CISCO POE SWITCH Catalyst 9200L 24-port PoE+, 4x 10G, Network Essentials	4	units	- 24 Ports Power over Ethernet (PoE) Network - Rack - mountable Layer 2 switch - 4 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) uplinks - Twenty-four (24) 10/100/1000 Ethernet Ports - Support for IEEE 802.3af Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port) - Perpetual PoE support with a power up to 740W - Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) - Standard 802.1d Spanning Tree Support - Should be compatible with DBM existing Network Solution (CISCO)
cisco		16	units	Short range transceivers SFP-10G-SR
cisco		2	units	- 12 ports 10G SFP+ Switch - Rack - mountable and Stackable Layer 3 switch - 12 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) ports - Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP)

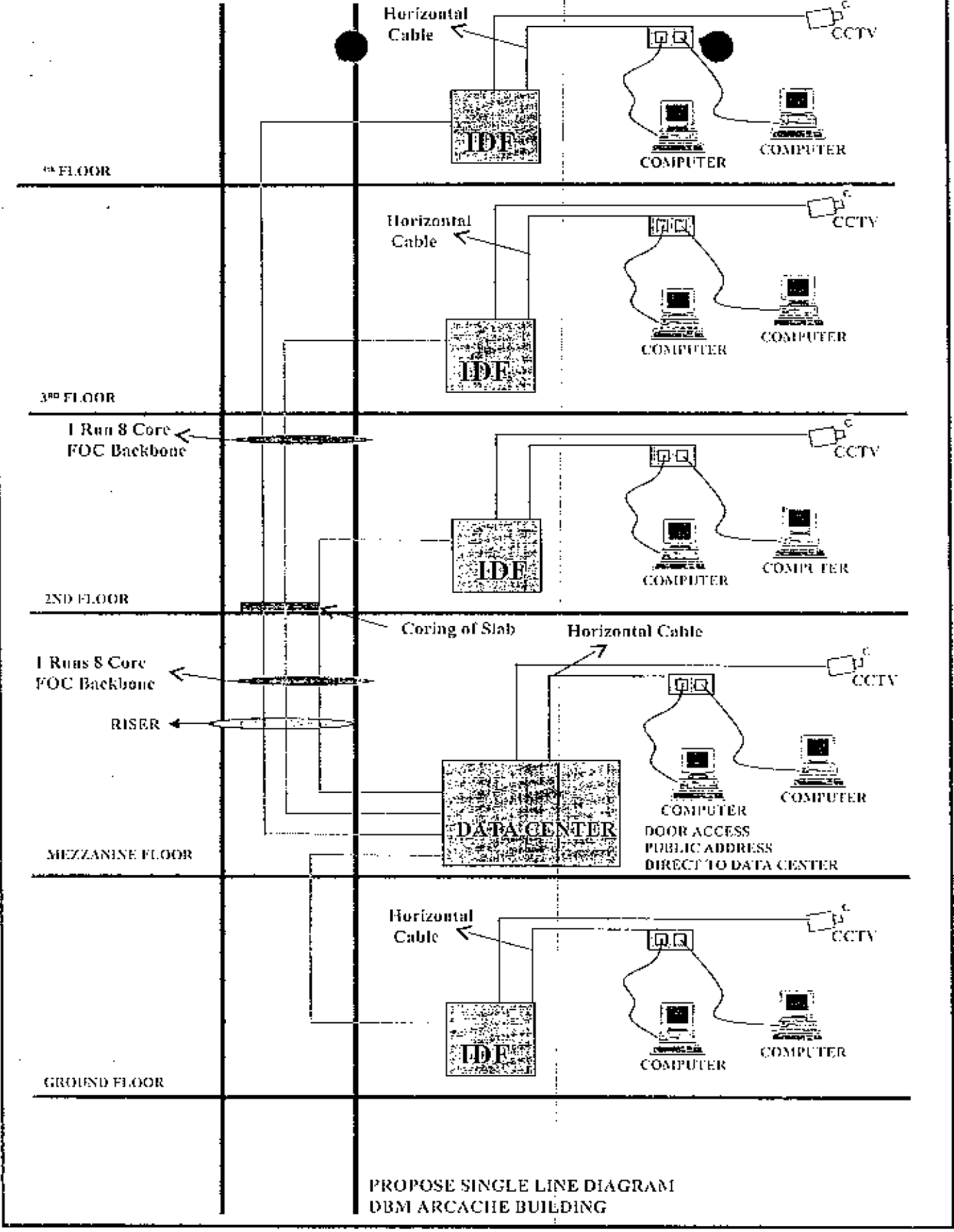
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		10G SFP+ SWITCH Cisco catalyst 3850 12 port 10G Fiber switch IP Service			Standard 802.1d Spanning Tree support Stackwise and stackpower cables Redundant Hot-swappable Power Supply Should be compatible with DSM existing Network Solution (CISCO)
			4	units	Long range transceiver SFP-10G-LR (compatible)
			20	units	Short range transceiver SFP-10G-SR (compatible)
			4	units	Stacking Module
		Samsung UD55E-B 55" 500nit, 24/7	2	units	Cisco Stackwise and Stackpower
samsung		2.3mm(L/L), 1.2mm(R/B), 21.5kg, VESA600X400, Hsize 26%, DP 1.2	3	units	Samsung UD55E-B
		Digital Daisy Chain	3	units	Wall bracket(LSW350B)
	HP		4	sets	8th generation Intel Core i7 - 3.2 GHz Processor 16GB DDR4 2133/2400MHz memory 2 Terabyte Solid State Hybrid Drive PCIe Quad Monitor Video Card 6GB GDDR5 Digital Video Disc Drive DVD-RW 24x SATA 24" LED Monitor USB Keyboard and Mouse 10/100/1000 G-gabit Ethernet Windows 10 Professional Enterprise Edition 64bit Video Management Software
		CLIENT WORKSTATION capable to operate for 24/7 HP 800 G4 TWR Country Kit PHILIP			
	Aten		1	unit	USB KVM Cables Standard Keyboard Layout Form Factor: 1U 17" Rackmount LED Monitor Graphic display resolution of at least 1366 x 768 On-Screen Display (OSD) Menu Video: Standard VGA with resolution of at least 1280x1024 WXGA
		KVM CONSOLE PS/2 VGA SLIDEAWAY™ Console; 17" TFT-LCD, KB, & Touchpad; (w/ 1.8m USB KVM Cable)			
	premium		4	units	24-Ports Cat5E Rackmountable Patch Panel (LOADED) including patch cables
	premium		96	units	5 Mics Patch Cable
	premium		1	unit	24 ports Rackmountable Fiber Patch Panel with LC couplers (Single Mode and Multi Mode)
	premium generic		4	units	12 ports Rackmountable Fiber Patch Panel with Multi-mode LC couplers
		OTHER REQUIRED MATERIALS	2	units	2 Screen Monitor Stand
	premium		1	lot	Wires/cable and termination such as Fiber Optic Cable (OM3 Multi-mode, 4-core), HDMI/VGA cables, UTP Cat5e Category 6, RJ 45, terminal box and keystone jack.
	generic		1	lot	Rough-in materials such as cable trays, cable ties, moldings, EMI gaskets, connectors, junction boxes, hangers and support

Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Public Address System

TOA	Speaker TOA	116	pcs	Ceiling Speaker, 6-inch W with Wide-Dispersion Coaxial driver, 14 Mhz Coverage, 16 Ohm Imp, CL-7043
	UPS			
TOA	APC SMT1000RM12UC APC Smart-UPS 1000VA LCD RM 2U 120V with SmartConnect, 760 Watts	1	set	Smart UPS, 800VA, Rack Mount, LCD, 230V, 30 min backup time
TOA	Amplifier	1	set	System Management amp 4ch, 300W ch, 24V, 60Hz
TOA	Extension Amplifier	1	set	System Management extension amp 4ch, 150W ch, 24V, 60Hz
TOA	Stereo Player	1	set	USB-DVD-MINICD 3M - Bluetooth Stereo media player
	Monitor Panel	1	set	Monitor Panel Analog/digital monitoring, Channel selector switch, No. of tone/line selector, Watt meter, Line voltage selector switch, 25 V (0.25 Ohm) to 2.5 kOhm, 70 A (5 kOhm), 100 V (10 kOhm) switchable, rack mounted, 230V, 60Hz
TOA	Volume Control, Paging Console	1	set	Microphone, Paging Desktop, with push-to-talk and Bypass
TOA	Remote Microphone	1	set	Remote Microphone
	Labor installation	1	lot	

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MANUFACTURER'S CERTIFICATION

This is to certify that HANGZHOU HIKVISION TECHNOLOGY CO., LTD. with principal office address at No. 555 Qianmo Road, Binjiang District, Hangzhou 310052, China, an established and reputable manufacturer of Surveillance System hereby certify that:

JORGE BATUIGAS
LESTER ECHANES
MARKEN PALACIO

From INFOBHAN COMMUNICATIONS INC.
Which is located in 2nd Flr., Fil-American Bldg., 923 Aurora Blvd., Cubao 1109

is a Certified IP CCTV Surveillance engineer of HIKVISION Surveillance System.
This certification is honored by HANGZHOU HIKVISION TECHNOLOGY CO., LTD.

This certification is issued for the public bidding of Supply, Delivery, Installation, Testing and Commissioning of Structured Cabling With Wired and Wireless Network Solution, Public Address System and IP-CCTV For the DBM ARCACHE BUILDING.

This Certification is valid for this project only.

Sincerely,
杭州尚泰城视科技有限公司
Hikvision Digital Technology
www.hikvision.com



October 15, 2019

Manpower Requirements

BAC Chairman
DEPARTMENT OF BUDGET AND MANAGEMENT
General Solano St. San Miguel Manila

Dear Sir/Madam:

The following persons belongs to **INFOBAHN COMMUNICATIONS INC.** personnel who are qualified and may be assigned to provide support for the "SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF STRUCTURED CABLING WITH WIRED AND WIRELESS NETWORK SOLUTION, PUBLIC ADDRESS SYSTEM AND IP-CCTV FOR THE DBM ARCACHE BUILDING "

Name	Position	Contact no.
Raul Ocampo	Technical Director	09178955700
Jose Carganilla II	Project Manager	09569749981
Lester Echanes	Technical Engineer	09178519911
Marken Palacio	Technical Engineer	09178519900
Jorge Batuigas	Technical Engineer	09178519905

This statement is being issued as a requirement in the First envelope – Technical Proposal.


Dexter Dantes
Account Manager



Cisco Certifications

Raul Ocampo

has successfully completed the Cisco certification exam requirements and is recognized as a

Cisco Certified Network Associate Routing and Switching



Date Certified February 23, 2000
Valid Through January 7, 2022
Cisco ID No. GSC010004424

Chuck Robbins
Chief Executive Officer
Cisco Systems, Inc.

600378062
0109

Validate this certificate's authenticity at
www.cisco.com/go/verifycertificate
Certificate Verification No. 434717700181BMZG

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Certification of Employment

To Whom It May Concern:

Dear Sir/Madam,

This is to certify that Mr. Juan Paulo D. Santos is a regular employee at Universal Access and Systems Solutions Philippines Inc. and is working as Solutions Engineer since May, 2016.

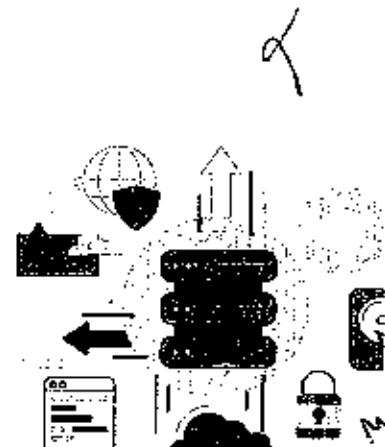
If you have any question regarding Mr. Santos employment record, please feel free to contact the undersigned at 8 891-8330 loc. 8008.

This certification is issued as a requirement for Department of Budget and Management bidding.

Issued this 14th day of October, 2019 at Pasig City, Philippines

Sincerely,

Christopher P. Victorino
President





Cisco Certifications

Juan Paulo D. Santos

has successfully completed the Cisco certification exam requirements and is recognized as a
Cisco Certified Network Professional Routing and Switching



Date Certified: October 12, 2017
Valid Through: October 12, 2020
Cisco ID No.: CSC012569598

Chuck Robbins
Chief Executive Officer
Cisco Systems, Inc.

600343088
0305

**CERTIFIED
TRUE COPY**

Validate this certificate's authenticity at
www.cisco.com/go/verifycertificate
Certificate Verification No. 431620195043DMXH

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Certification of Employment

To Whom It May Concern:

Dear Sir/Madam,

This is to certify that Mr. Renniell Bernales is a regular employee at Universal Access and Systems Solutions Philippines Inc. and is working as Technical Support Engineer since July, 2018.

If you have any question regarding Mr. Bernales employment record, please feel free to contact the undersigned at 8 891-8330 loc. 8008.

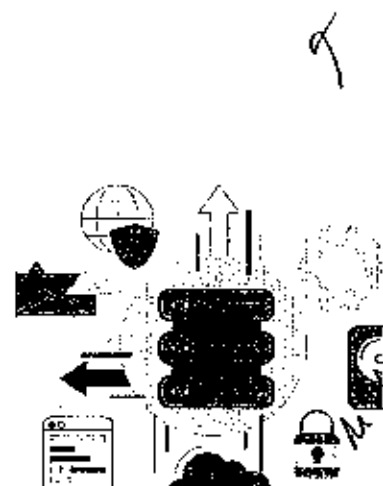
This certification is issued as a requirement for Department of Budget and Management bidding.

Issued this 14th day of October, 2019 at Pasig City, Philippines

Sincerely,

Christopher P. Victorino
 President

No matter how fast-paced the changes and complex the challenges are, we are ready to take them on





Cisco Certifications

Renniel Bernales

has successfully completed the Cisco certification exam requirements and is recognized as a

Cisco Certified Network Associate Routing and Switching



Date Certified	October 27, 2018
Valid Through	October 27, 2021
Cisco ID No.	CSC013354697

Chuck Robbins
Chief Executive Officer
Cisco Systems, Inc.

Validate this certificate's authenticity at
www.cisco.com/go/verifycertificate
Certificate Verification No. 434084169512ERAV

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1109

**CERTIFIED
TRUE COPY**



MANUFACTURER'S AUTHORIZATION FORM

Date: 2 October 2019

To: Achilles Gerard C. Bravo
Ground Floor DBM Bldg. III, General Solano St., San Miguel Manila

Subject: Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building(DBM-2019-39)

Cisco International Limited, registered in England and Wales (Company Number 06640856), having a principal place of business at 9-11 New Square Park, Bedford Lakes, Feltham, England TW14 8HA, United Kingdom ("Cisco"), who is a provider of networking products and services, hereby confirms that, as of the date of this letter, INFOBAHN COMMUNICATIONS INC ("Reseller") wishes to participate in the Bid or Project stated above and has entered into an Indirect Channel Partner Agreement which entitles Reseller to do the following:

- (1) resell and/or distribute Cisco products and/or services in PHILIPPINES to end users within that territory;
- (2) bid, negotiate and conclude a contract with you for the above products/services manufactured or supplied by Cisco. The Reseller is an independent contractor and has no authority to commit and/or bind Cisco or its affiliates in any way.

Cisco will, within the scope of its agreement with its authorized channels, provide support and product warranty services for Cisco products obtained through its authorized channels.

This Authorization shall be accurate as of the date appearing at the top of this letter and for six (6) weeks from such date.

If you need any additional information, please do not hesitate to contact Your Respective Account Manager at + 60 2 750 5800. For more information about Cisco's channel partner program, please visit the following URL: <http://www.cisco.com/web/partners/index.html>.

Duly authorized to sign this authorization form for and on behalf of: **Cisco International Limited**

James Glenister
DIRECTOR, MGMT-FINANCE

CISCO
Cisco International Limited
9-11 New Square Park
Bedford Lakes, Feltham
Middlesex, TW14 8HA
United Kingdom



Warranty Certificate

To: Department of Budget and Management (DBM)

This is to certify that in accordance with Hikvision Digital Technology Co., Ltd., all products of Hikvision that were designed, manufactured and tested under Hikvision policy of international standard, are warranty or quality assurance as per product compliance.

We authorize INFOBHAN COMMUNICATIONS INC. as partner/reseller of Hikvision for project: Supply, Delivery, Installation, Testing, And Commissioning with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building.

Stated below are the product lines of Hikvision with 2 years warranty.
DS-2CD2725FWD-IZS

Stated below are the product lines of Hikvision with 3 years warranty.
DS-9632NI-I8
DS-2PT5326IZ-DE

Above Claim is valid upon Hikvision policy. Hence, further investigation and proper procedure for warranty policy will be apply if products are not treated or misguided on its own functionality.

杭州海康威视科技有限公司
HANGZHOU HIKVISION TECHNOLOGY CO., LTD.

Hikvision Digital Technology Co. Ltd.



After Sales and Warranty Statement

Infobahn Communications Inc. will provide a One (1) year warranty from acceptance of the project, Within 24 hours from verbal or Written notice from DBM and in accordance with Terms of Reference.

Infobahn Communications Inc. certifies that all Item are **Brand new** and in **Good Condition**, however, any Item that result in any **defects covered within the Warranty Period**, *Infobahn Communications Inc.* shall replace the said Item if prove to be defective based on the said defects.

The client agrees to have the unit/equipment pulled-out by Infobahn Engineers for configuration purpose should the need arises.

Should there be a case that would require Infobahn Engineers to be on-site (outside Metro Manila) transportation, board and lodging, per diem and other incidental expenses of the Technical Engineer shall be for the account of the client.

If the client requires a higher level of service that provided above, the client may opt to avail of a premium level of support from Infobahn.

NOT INCLUDED IN WARRANTY

In the event that any components of the Equipment or other apparatus becomes defective due to, or as result of any one or all of the following, the costs of such repair or replacement shall be charged to the client, to wit:

Accident, negligence, abuse, misuse, misapplication, incorrect connection, or improper use on the part of any person other than the staff of the vendor
Excessive voltage/current of main supply.
Fire, flood, lightning, or any act of God or any other cause beyond the control of either the client or the vendor
The client's failure to maintain proper on-site environment conditions for the Equipment or the other apparatus

Repair or alteration work performed by other parties other than vendor's representative

OTHER SERVICE WORKS:

The following services are not included in this proposal:

- Disconnection, reconnection, and/or relocation;
- Overhauling, refurbishing, and/or cleaning;
- Any customization or installation of software not supplied by the vendor
- Services for non-vendor supplied products installed or connected into or to vendor's supplied products;
- and;
- Other works outside business hours;
- Other works not explicitly specified in the proposal

All the above shall be considered special services and shall be subject to charges which shall be as follows:

During Office Hours (8:30am–5:30pm, Mondays to Fridays)

PhP 2,500.00 for the first 2 hours

PhP 1,000.00 succeeding hour/s

Beyond Working Hours (Mondays to Fridays)

PhP 3,500.00 for the first 2 hours

PhP 1,500.00 succeeding hour/s

Beyond Working Hours (Weekends and Holidays)

PhP 4,500.00 for the first 2 hours

PhP 2,000.00 succeeding hour/s

CERTIFICATION

I hereby certify that **Infobahn Communications, Inc.** will comply to the requirements stated on the Technical specifications for the **Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building (Project ID No.: DBM-2019-39)** including all other clarifications, warranty, modifications & amendments provided in the issued Bid Documents /Supplemental Bid Bulletin if any.

This certification is released upon request of the **DEPARTMENT OF BUDGET AND MANAGEMENT** for whatever purpose this may serve them.


JOEL JOHN I. BAUTISTA
 AFFIANT

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the City of QUEZON CITY this OCT 11 2019, affiant exhibited to me his Passport No. P3650734A issued on July 11, 2017 at Manila, Philippines.


ATTY. ROLANDO DELIVAR
 (Notary Public) VAR
 NOTARY PUBLIC IN QUEZON CITY

AM/Min. Not. Case No. NP-124 1-12-19 until 12-31-2020
 BP O.R. No. 056 1-12-19 & for until Dec. 2020 Jan. 2020
 CTR C.R. No. 73 1-12-19
 UNTIL PTR No. _____
 Date _____
 Place _____
 TIN _____
REG. VI BP DAT. TO 811 1-12-19 until 12-31-2020 Quezon City

Doc. No. 301
 Page No. 102
 Book No. XIV
 Series of 2019

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Section IV. General Conditions of Contract

TABLE OF CONTENTS

1. DEFINITIONS	47
2. CORRUPT, FRAUDULENT, COLLUSIVE, AND COERCIVE PRACTICES.....	48
3. INSPECTION AND AUDIT BY THE FUNDING SOURCE	49
4. GOVERNING LAW AND LANGUAGE.....	49
5. NOTICES.....	49
6. SCOPE OF CONTRACT.....	50
7. SUBCONTRACTING.....	50
8. PROCURING ENTITY'S RESPONSIBILITIES.....	50
9. PRICES.....	50
10. PAYMENT.....	51
11. ADVANCE PAYMENT AND TERMS OF PAYMENT.....	51
12. TAXES AND DUTIES.....	52
13. PERFORMANCE SECURITY.....	52
14. USE OF CONTRACT DOCUMENTS AND INFORMATION.....	53
15. STANDARDS.....	53
16. INSPECTION AND TESTS.....	53
17. WARRANTY.....	54
18. DELAYS IN THE SUPPLIER'S PERFORMANCE.....	55
19. LIQUIDATED DAMAGES.....	55
20. SETTLEMENT OF DISPUTES.....	55
21. LIABILITY OF THE SUPPLIER.....	56
22. FORCE MAJEURE.....	56
23. TERMINATION FOR DEFAULT.....	57
24. TERMINATION FOR INSOLVENCY.....	57
25. TERMINATION FOR CONVENIENCE.....	57
26. TERMINATION FOR UNLAWFUL ACTS.....	58
27. PROCEDURES FOR TERMINATION OF CONTRACTS.....	58
28. ASSIGNMENT OF RIGHTS.....	60

29. CONTRACT AMENDMENT	60
30. APPLICATION.....	60

1. Definitions

1.1. In this Contract, the following terms shall be interpreted as indicated:

- (a) "The Contract" means the agreement entered into between the Procuring Entity and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) "The Goods" means all of the supplies, equipment, machinery, spare parts, other materials and/or general support services which the Supplier is required to provide to the Procuring Entity under the Contract.
- (d) "The Services" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) "GCC" means the General Conditions of Contract contained in this Section.
- (f) "SCC" means the Special Conditions of Contract.
- (g) "The Procuring Entity" means the organization purchasing the Goods, as named in the SCC.
- (h) "The Procuring Entity's country" is the Philippines.
- (i) "The Supplier" means the individual contractor, manufacturer distributor, or firm supplying/manufacturing the Goods and Services under this Contract and named in the SCC.
- (j) The "Funding Source" means the organization named in the SCC.
- (k) "The Project Site," where applicable, means the place or places named in the SCC.
- (l) "Day" means calendar day.
- (m) The "Effective Date" of the contract will be the date of signing the contract, however the Supplier shall commence performance of its obligations only upon receipt of the Notice to Proceed and copy of the approved contract.

- (n) "Verified Report" refers to the report submitted by the Implementing Unit to the HoPE setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.

2. Corrupt, Fraudulent, Collusive, and Coercive Practices

2.1. Unless otherwise provided in the SCC, the Procuring Entity as well as the bidders, contractors, or suppliers shall observe the highest standard of ethics during the procurement and execution of this Contract. In pursuance of this policy, the Procuring Entity:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the Government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019.
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
 - (iii) "collusive practices" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
 - (iv) "coercive practices" means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract.
 - (v) "obstructive practice" is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an

administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or

(bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.

2.2. Further the Funding Source, Borrower or Procuring Entity, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with any of the practices mentioned in GCC Clause 2.1(a).

3. Inspection and Audit by the Funding Source

The Supplier shall permit the Funding Source to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

4. Governing Law and Language

4.1. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.

4.2. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract exchanged by the parties shall be written in English.

5. Notices

5.1. Any notice, request, or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request, or consent shall be deemed to have been given or made when received by the concerned party, either in person or through an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the SCC, which shall be effective when delivered and duly received or on the notice's effective date, whichever is later.

- 5.2. A Party may change its address for notice hereunder by giving the other Party notice of such change pursuant to the provisions listed in the SCC for GCC Clause 5.1.

6. Scope of Contract

- 6.1. The Goods and Related Services to be provided shall be as specified in Error! Reference source not found..
- 6.2. This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. Any additional requirements for the completion of this Contract shall be provided in the SCC.

7. Subcontracting

- 7.1. Subcontracting of any portion of the Goods, if allowed in the BDS, does not relieve the Supplier of any liability or obligation under this Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants or workmen.
- 7.2. If subcontracting is allowed, the Supplier may identify its subcontractor during contract implementation. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract. In either case, subcontractors must submit the documentary requirements under ITB Clause 12 and comply with the eligibility criteria specified in the BDS. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.

8. Procuring Entity's Responsibilities

- 8.1. Whenever the performance of the obligations in this Contract requires that the Supplier obtain permits, approvals, import, and other licenses from local public authorities, the Procuring Entity shall, if so needed by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
- 8.2. The Procuring Entity shall pay all costs involved in the performance of its responsibilities in accordance with GCC Clause 6.

9. Prices

- 9.1. For the given scope of work in this Contract as awarded, all bid prices are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and its IRK or except as provided in this Clause.

- 9.2. Prices charged by the Supplier for Goods delivered and/or services performed under this Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any change in price resulting from a Change Order issued in accordance with GCC Clause 29.

10. Payment

- 10.1. Payments shall be made only upon a certification by the HoPE to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. Except with the prior approval of the President no payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract. Ten percent (10%) of the amount of each payment shall be retained by the Procuring Entity to cover the Supplier's warranty obligations under this Contract as described in GCC Clause 17.
- 10.2. The Supplier's request(s) for payment shall be made to the Procuring Entity in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and/or Services performed, and by documents submitted pursuant to the SCC provision for GCC Clause 6.2, and upon fulfillment of other obligations stipulated in this Contract.
- 10.3. Pursuant to GCC Clause 10.2, payments shall be made promptly by the Procuring Entity, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier. Payments shall be in accordance with the schedule stated in the SCC.
- 10.4. Unless otherwise provided in the SCC, the currency in which payment is made to the Supplier under this Contract shall be in Philippine Pesos.
- 10.5. Unless otherwise provided in the SCC, payments using Letter of Credit (LC), in accordance with the Guidelines issued by the GPPB, is allowed. For this purpose, the amount of provisional sum is indicated in the SCC. All charges for the opening of the LC and/or incidental expenses thereto shall be for the account of the Supplier.

11. Advance Payment and Terms of Payment

- 11.1. Advance payment shall be made only after prior approval of the President, and shall not exceed fifteen percent (15%) of the Contract amount, unless otherwise directed by the President or in cases allowed under Annex "D" of RA 9184.
- 11.2. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.
- 11.3. For Goods supplied from abroad, unless otherwise indicated in the SCC, the terms of payment shall be as follows:
- (a) On Contract Signature: Fifteen Percent (15%) of the Contract Price shall be paid within sixty (60) days from signing of the Contract and upon submission of a claim and a bank guarantee for the equivalent

amount valid until the Goods are delivered and in the form provided in Section VIII. Bidding Forms.

- (b) On Delivery: Sixty-five percent (65%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents.
- (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no inspection or acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days of the date shown on the delivery receipt, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.

12. Taxes and Duties

The Supplier, whether local or foreign, shall be entirely responsible for all the necessary taxes, stamp duties, license fees, and other such levies imposed for the completion of this Contract.

13. Performance Security

- 13.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any the forms prescribed in the ITB Clause 33.2.
- 13.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the winning bidder is in default in any of its obligations under the contract.
- 13.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 13.4. The performance security may be released by the Procuring Entity and returned to the Supplier after the issuance of the Certificate of Final Acceptance subject to the following conditions:
 - (a) There are no pending claims against the Supplier or the surety company filed by the Procuring Entity;
 - (b) The Supplier has no pending claims for labor and materials filed against it; and
 - (c) Other terms specified in the SCC.

- 13.5. In case of a reduction of the contract value, the Procuring Entity shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.

14. Use of Contract Documents and Information

- 14.1. The Supplier shall not, except for purposes of performing the obligations in this Contract, without the Procuring Entity's prior written consent, disclose this Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Entity. Any such disclosure shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 14.2. Any document, other than this Contract itself, enumerated in GCC Clause 14.1 shall remain the property of the Procuring Entity and shall be returned (all copies) to the Procuring Entity on completion of the Supplier's performance under this Contract if so required by the Procuring Entity.

15. Standards

The Goods provided under this Contract shall conform to the standards mentioned in Section VII. Technical Specifications; and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the institution concerned.

16. Inspection and Tests

- 16.1. The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Entity. The SCC Section VII. Technical Specifications shall specify what inspections and/or tests the Procuring Entity requires and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 16.2. If applicable, the inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity. The Supplier shall provide the Procuring Entity with results of such inspections and tests.
- 16.3. The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in this Clause provided that the Procuring Entity shall bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

- 16.4. The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to GCC Clause 5.
- 16.5. The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, shall release the Supplier from any warranties or other obligations under this Contract.

17. Warranty

- 17.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials, except when the technical specifications required by the Procuring Entity provides otherwise.
- 17.2. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 17.3. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier for a minimum period specified in the SCC. The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to at least one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total Contract Price or other such amount if so specified in the SCC. The said amounts shall only be released after the lapse of the warranty period specified in the SCC; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met.
- 17.4. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, within the period specified in the SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Procuring Entity.
- 17.5. If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in GCC Clause 17.4, the Procuring Entity may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract and under the applicable law.

18. Delays in the Supplier's Performance

- 18.1. Delivery of the Goods and/or performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in Error! Reference source not found..
- 18.2. If at any time during the performance of this Contract, the Supplier or its Subcontractor(s) should encounter conditions impeding timely delivery of the Goods and/or performance of Services, the Supplier shall promptly notify the Procuring Entity in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, and upon causes provided for under GCC Clause 22, the Procuring Entity shall evaluate the situation and may extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of Contract.
- 18.3. Except as provided under GCC Clause 22, a delay by the Supplier in the performance of its obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 19, unless an extension of time is agreed upon pursuant to GCC Clause 29 without the application of liquidated damages.

19. Liquidated Damages

Subject to GCC Clauses 18 and 22, if the Supplier fails to satisfactorily deliver any or all of the Goods and/or to perform the Services within the period(s) specified in this Contract inclusive of duly granted time extensions if any, the Procuring Entity shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until actual delivery or performance. The maximum deduction shall be ten percent (10%) of the amount of contract. Once the maximum is reached, the Procuring Entity may rescind or terminate the Contract pursuant to GCC Clause 23, without prejudice to other courses of action and remedies open to it.

20. Settlement of Disputes

- 20.1. If any dispute or difference of any kind whatsoever shall arise between the Procuring Entity and the Supplier in connection with or arising out of this Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 20.2. If after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.
- 20.3. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be

settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under this Contract.

- 20.4. In the case of a dispute between the Procuring Entity and the Supplier, the dispute shall be resolved in accordance with Republic Act 9285 ("R.A. 9285"), otherwise known as the "Alternative Dispute Resolution Act of 2004."
- 20.5. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and the Procuring Entity shall pay the Supplier any monies due the Supplier.

21. Liability of the Supplier

- 21.1. The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines, subject to additional provisions, if any, set forth in the SCC.
- 21.2. Except in cases of criminal negligence or willful misconduct, and in the case of infringement of patent rights, if applicable, the aggregate liability of the Supplier to the Procuring Entity shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

22. Force Majeure

- 22.1. The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that the Supplier's delay in performance or other failure to perform its obligations under the Contract is the result of a *force majeure*.
- 22.2. For purposes of this Contract the terms "*force majeure*" and "fortuitous event" may be used interchangeably. In this regard, a fortuitous event or *force majeure* shall be interpreted to mean an event which the Supplier could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by the Supplier. Such events may include, but not limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 22.3. If a *force majeure* situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the *force majeure*.

23. Termination for Default

- 23.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
- (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contract price;
 - (b) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of *force majeure* is deemed to have ceased; or
 - (c) The Supplier fails to perform any other obligation under the Contract.
- 23.2. In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under GCC Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.
- 23.3. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.

24. Termination for Insolvency

The Procuring Entity shall terminate this Contract if the Supplier is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity and/or the Supplier.

25. Termination for Convenience

- 25.1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The HoPE may terminate a contract for the convenience of the Government if he has determined the existence of conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and national government policies.

- 25.2. The Goods that have been delivered and/or performed or are ready for delivery or performance within thirty (30) calendar days after the Supplier's receipt of Notice to Terminate shall be accepted by the Procuring Entity at the contract terms and prices. For Goods not yet performed and/or ready for delivery, the Procuring Entity may elect:
- (a) to have any portion delivered and/or performed and paid at the contract terms and prices; and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed and/or performed goods and for materials and parts previously procured by the Supplier.
- 25.3. If the Supplier suffers loss in its initial performance of the terminated contract, such as purchase of raw materials for goods specially manufactured for the Procuring Entity which cannot be sold in open market, it shall be allowed to recover partially from this Contract, on a *quantum meruit* basis. Before recovery may be made, the fact of loss must be established under oath by the Supplier to the satisfaction of the Procuring Entity before recovery may be made.

26. Termination for Unlawful Acts

- 26.1. The Procuring Entity may terminate this Contract in case it is determined *prima facie* that the Supplier has engaged, before or during the implementation of this Contract, in unlawful deeds and behaviors relative to contract acquisition and implementation. Unlawful acts include, but are not limited to, the following:
- (a) Corrupt, fraudulent, and coercive practices as defined in ITB Clause 3.1(a);
 - (b) Drawing up or using forged documents;
 - (c) Using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
 - (d) Any other act analogous to the foregoing.

27. Procedures for Termination of Contracts

- 27.1. The following provisions shall govern the procedures for termination of this Contract:
- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Implementing Unit shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;

- (b) Upon recommendation by the implementing Unit, the HoPE shall terminate this Contract only by a written notice to the Supplier conveying the termination of this Contract. The notice shall state:
- (i) that this Contract is being terminated for any of the ground(s) afore-mentioned, and a statement of the acts that constitute the ground(s) constituting the same;
 - (ii) the extent of termination, whether in whole or in part;
 - (iii) an instruction to the Supplier to show cause as to why this Contract should not be terminated; and
 - (iv) special instructions of the Procuring Entity, if any.
- (c) The Notice to Terminate shall be accompanied by a copy of the Verified Report;
- (d) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Supplier shall submit to the HoPE a verified position paper stating why this Contract should not be terminated. If the Supplier fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the HoPE shall issue an order terminating this Contract;
- (e) The Procuring Entity may, at any time before receipt of the Supplier's verified position paper described in item (d) above withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Supplier's receipt of the notice;
- (f) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the HoPE shall decide whether or not to terminate this Contract. It shall serve a written notice to the Supplier of its decision and, unless otherwise provided, this Contract is deemed terminated from receipt of the Supplier of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate;
- (g) The HoPE may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the HoPE; and
- (h) The Supplier must serve a written notice to the Procuring Entity of its intention to terminate the contract at least thirty (30) calendar days before its intended termination. The Contract is deemed terminated if it is not resumed in thirty (30) calendar days after the receipt of such notice by the Procuring Entity.

28. Assignment of Rights

The Supplier shall not assign his rights or obligations under this Contract, in whole or in part, except with the Procuring Entity's prior written consent.

29. Contract Amendment

Subject to applicable laws, no variation in or modification of the terms of this Contract shall be made except by written amendment signed by the parties.

30. Application

These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of this Contract.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1.1(g)	The Procuring Entity is the Department of Budget and Management (DBM) .
1.1(i)	The Supplier is
1.1(j)	The Funding Source is: The Government of the Philippines (GOP) through the authorized appropriations under the FY 2019 General Appropriations Act in the amount of Twenty Six Million Five Hundred Thousand Pesos (P26,500,000.00) .
1.1(k)	The Project Site is: Department of Budget and Management General Solano St. San Miguel, Manila.
2.1	No further instructions.
5.1	The Procuring Entity's address for Notices is: Department of Budget and Management Ground Floor, DBM Building III, General Solano St. San Miguel, Manila Tel No. (02)657-3300 loc. 3117 Contact Person: Engr. Argeo M. Sta. Barbara OIC-Chief Administrative Service-General Services Division (AS-GSD) The Supplier's address for Notices is:
6.2	The delivery schedule as indicated in Section VI Schedule of Requirements may be modified at the option of the Procuring Entity, with prior due notice, written or verbal, to the Supplier.
10.4	Not applicable.
10.5	Payment using LC is not allowed.
11.3	Maintain the GCC Clause.
13.4(c)	No further instructions.
15	No further instructions.
16.1	The quantity of the Goods delivered to DBM shall be inspected by the AS-GSD. However, inspection and approval as to the acceptability of the Goods vis-à-vis its compliance with the technical specifications and its order and condition, will be done with prior notice, written or verbal, to the authorized representative of the Supplier. The inspection

	will push through as scheduled even in the absence of the Supplier's representative, if the latter was duly notified. In which case, the result of the inspection conducted by the Procuring Entity shall be final and binding upon the Supplier.
17.3	In order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awarded for a minimum period of one (1) year from the date of acceptance of work by the AS-GSD.
17.4	The period of correction of defects shall be made within seven (7) calendar days from either verbal or written notification.
21.1	No additional provision.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF BUDGET AND MANAGEMENT
GENERAL SIBLANO STREET, SAN MIGUEL, MANILA

BIDS AND AWARDS COMMITTEE

DEC 09 2019

NOTICE OF AWARD

MR. DEXTER D. DANTES
Account Manager
Infobahn Communications, Inc.
2/F Fil-American Bldg.
923 Aurora Blvd. cor. La Salle St.
Cubao, Quezon City

Dear Mr. Dantes:

We are pleased to inform you that the contract for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building," is hereby awarded to the Joint Venture of Infobahn Communications Inc. and Universal Access and System Solutions Philippines Inc. in the amount of P25,988,000.00.

In this regard, you are hereby required to post a performance security in the amount and form stated in Section 39 of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act No. 9184 prior to the signing of the contract, and a valid Joint Venture Agreement with Universal Access and Systems Solutions Philippines Inc. within ten calendar days from receipt of the Notice of Award, in accordance with Section 37.1.4(a)(i) of the 2016 Revised IRR of the aforementioned law.

Thank you and God Bless.

Very truly yours,

WENDEL E. AVESADO
Secretary



RCBY!
DEXTER DANTES
12/11/19

Philippine British
Assurance Company, Inc.

ENC5 Tower Unit 201, 168 Mother Ignacia Avenue
Brgy. South Triangle, Quezon City, NCR
Tel. No.: (02) 936-8393 Mobile: 09162623531; 09228478922
Website: www.philbritish.com E-mail: gas@philbritish.com
VAT REG. TIN 000-809-300-00030

HOF 00001184

OFFICIAL RECEIPT

Payor : INFOBAHN COMMUNICATIONS, INC.
Address : 2/F FIL-AMERICAN BLDG., 923 AURORA BLVD., COR. LA SALLE ST.,
CUBAO., QUEZON CITY
TIN :
Particulars : PREMIUM PAYMENT

Receipt No : ORHOF00001184
Date : 12/18/2019
Business Style : INFOBAHN COMMUNICATIONS, INC.

Total Amount : PHP 54,571.36

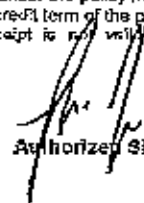
Account Credited : AG0001743 P-QAS-19-1-70-7005-000028	Total Credited	54,571.36
Premium	:	42,880.00
LGT	:	85.76
VAT	:	5,145.80
Notarial Fee - Bonds	:	300.00
PBAC Service Fee - Other	:	800.00
Documentary Stamp Tax	:	5,360.00
Total	:	54,571.36
Less: Withholding Tax	:	.00
Total Amount Due	:	54,571.36

CHEQUE/CASH DETAILS			AMOUNT
Bank	Cheque	Cheque Date	
CA			54,571.36

VATable Sales	:	42,880.00
VAT Amount	:	5,145.80
Zero Rated Sales	:	.00
VAT Exempt Sales	:	.00
Total Amount Payment	:	54,571.36

IMPORTANT

- 1) Check Payments received but was dishonored by the bank automatically cancel this Official Receipt.
- 2) This Official Receipt is being issued on the assumption that there is / are no known loss / losses affecting the policy (ies) for which this payment is being applied, otherwise this Official Receipt is automatically considered null and void.
- 3) Acceptance of this payment shall not waive the company's right to deny liability on any claim under the policy existing before such payments or after the expiration of the credit term of the policy.
- 4) This Official Receipt is not valid unless signed by an authorized signatory


Authorized Signatory

Note: This Official Receipt Cancels our Provisional Receipt No. _____

PAYORS COPY

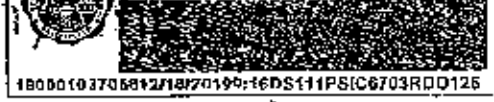
BLR Permit No.: 1010_0125_P711_CAF_000453 Date Issued: October 19, 2019
Inclusive Period: 00000001-02902099 Valid Until: September 30, 2024
Effective Date: October 1, 2019

THIS OFFICIAL RECEIPT IS VALID FOR CLAIM OF INPUT TAX
THIS OFFICIAL RECEIPT IS VALID FOR FIVE (5) YEARS FROM DATE OF PAY



Philippine British Assurance Company, Inc.

DOCUMENTARY STAMP
PHP 5,360.00



PERFORMANCE BOND

Premium	:	42,880.00
Doc. Stamps	:	5,360.00
VAT	:	5,145.60
NOT. FEES	:	300.00
LGT	:	85.76
MISC	:	800.00
TOTAL	:	54,671.36

PBACI Bond No : G(13)18610

KNOW ALL MEN BY THESE PRESENTS:

That we, INFOBAHN COMMUNICATIONS, INC. of 2/F Fil-American Bldg. 929 Aurora Blvd. Cor. La Salle St. Cubao, Quezon City, as Principal, and Philippine British Assurance Company, Inc., a corporation duly organized and existing under and by virtue of the laws of the Philippines, as Surety, are held and firmly bound unto DEPARTMENT OF BUDGET AND MANAGEMENT hereinafter referred to as the Obligee in the sum of Pesos Seven Million Seven Hundred Ninety Six Thousand Four Hundred Only (P 7,796,400.00), Philippine Currency, for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE AS FOLLOWS:

THIS BOND IS CONDITIONED TO GUARANTEE THE FAITHFUL PERFORMANCE OF THE HEREIN PRINCIPAL TO THE OBLIGEE TO UNDERTAKE THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF STRUCTURED CABLING WITH WIRED AND WIRELESS NETWORK SOLUTION, PUBLIC ADDRESS SYSTEM AND IP-CCTV FOR THE DBM ARCACHE BUILDING.

THIS BOND IS CALLABLE ON DEMAND.

THIS BOND IS A PERFORMANCE SECURITY PURSUANT TO SECTION 39 OF THE IMPLEMENTING RULES AND REGULATIONS OF REPUBLIC ACT NO. 9184.

THIS BOND IS WARRANTED NO LOSS PRIOR TO ISSUE DATE.

THE LIABILITY OF THE HEREIN SURETY COMPANY UNDER THIS BOND SHALL BE LIMITED TO THE ACTUAL DAMAGE PROVEN BUT, IN NO CASE SHALL EXCEED THE AMOUNT OF PESOS: SEVEN MILLION SEVEN HUNDRED NINETY SIX THOUSAND FOUR HUNDRED ONLY (PHP 7,796,400.00), PHILIPPINE CURRENCY.

WHEREAS, said contract requires said Principal to give a good and sufficient bond in the above-stated sum to secure the full and faithful performance on his part of said obligation

NOW, THEREFORE, if the Principal shall well and truly perform and fulfil all the undertakings, covenants, terms, conditions, and agreement stipulated in said contract, then this obligation shall be null and void; otherwise, it shall remain full force and effect.

The liability of the Surety under this bond shall begin on December 08, 2019 and shall expire on UNTIL FINAL ACCEPTANCE OF THE PROJECT and the Surety does not assume responsibility incurred or created after said date; notice of claims against this bond must be give the Surety Company not later than ten (10) days from said expiry date


IN WITNESS WHEREOF, we have set our hands and signed our names on the 9th day of December 2018 at Makati City, Philippines.

INFOBAHN COMMUNICATIONS, INC.

PHILIPPINE BRITISH ASSURANCE COMPANY INC.



JOEL JOHN I. BAUTISTA
President

By: 

ALAN SD. STA. ANA
Underwriter

SIGNED IN THE PRESENCE OF:



Philippine British Assurance Company, Inc.

ACKNOWLEDGEMENT

PBACI BOND No. G(13)18610

REPUBLIC OF THE PHILIPPINES,
CITY OF MAKATI) S.S.

This is to certify on this 09th day of December 2019 at CITY OF MAKATI, Philippines before me under signed authority, personally appeared:

NAME	REPRESENTING	GOVERNMENT ID No./TIN	ISSUED AT	DATE
1. JOEL JOHN L. BAUTISTA	INFOBAHN COMMUNICATIONS, INC.	132-017-597		
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____

and ALAN SD. STA. ANA exhibiting Tin No. 176-201-343 issued at _____ on _____ representing PHILIPPINE BRITISH ASSURANCE COMPANY, INC. with Corporation Tax Certificate No. 00108210 issued at Makati City on 01/09/2019, who executed the foregoing document and acknowledge to me that they represent, for the uses and purposes therein mentioned. In witness whereof, I have hereunto set my hand and affixed my notarial seal on the date and place first above written.

Doc. No. 16 Page No. 5 Book No. 15 Series of 20 2019

RR
Atty. DE REAL RODRIGO JR. S.
Notary Public Makati 2019-2020
APT No. M-113 IBP No. 053816 11/07/18
IBP Roll No. 49763 MCLE No. V-0019342
PTR NO. 7979585 - 12/05/18; MANILA

REPUBLIC OF THE PHILIPPINES,
CITY OF MAKATI) S.S.

ALAN SD. STA. ANA - Underwriter of Philippine British Assurance Company Inc. having been duly sworn, states and deposes that the said PHILIPPINE BRITISH ASSURANCE COMPANY, INC., is a corporation organized and existing under and by virtue of the laws of the Philippines, with principal office at Makati City, and is duly authorized to execute and furnish surety bond for all purposes within said island, and that it is actually worth the amount specified in the foregoing undertaking over and above all just debts and obligations and property exempt from execution.

PHILIPPINE BRITISH ASSURANCE COMPANY INC.

RR
By: ALAN SD. STA. ANA
Underwriter

SUBSCRIBED AND SWORN to before me this 09th day of December 2019, at Philippines. Affiant exhibited to me his Government Issued ID, and that of the Corporation above described.

Doc. No. 17 Page No. 5 Book No. 15 Series of 20 2019

RR
Atty. DE REAL RODRIGO JR. S.
Notary Public Makati 2019-2020
APT No. M-113 IBP No. 053816 11/07/18
IBP Roll No. 49763 MCLE No. V-0019342
PTR NO. 7979585 - 12/05/18; MANILA



CERTIFICATION

This is to certify that **PHILIPPINE BRITISH ASSURANCE COMPANY, INC.** is licensed to transact non-life insurance business in the Philippines for **FIRE, MARINE, CASUALTY and SURETY** lines under Certificate of Authority No. 2019/41-R effective 1 January 2019 until 31 December 2021, unless sooner revoked or suspended for cause.

It is certified, moreover, that **Philippine British Assurance Company, Inc.** is authorized under its license to issue surety bonds required by the Implementing Rules and Regulations of R.A. No. 9184, and that the insurance company had issued **PERFORMANCE BOND with PBACI BOND NO. G(13)1B610** which is callable upon demand together with the principal **INFOBAHN COMMUNICATIONS, INC.** in favor of the obligee **DEPARTMENT OF BUDGET AND MANAGEMENT** in the amount of **SEVEN MILLION SEVEN HUNDRED NINETY SIX THOUSAND FOUR HUNDRED PESOS ONLY (Php 7,796,400.00)** for the project: **SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF STRUCTURED CABLING WITH WIRED AND WIRELESS NETWORK SOLUTION, PUBLIC ADDRESS SYSTEM AND IP-CCTV FOR THE DBM ARCACHE BUILDING.** Certified photocopy (or duplicate copy) of said bond was submitted by the company to the Insurance Commission.

This Certification is issued upon the request of **Teodoro R. Alonzo, Jr. – AVP Business Development Investments Branches** of **Philippine British Assurance Company, Inc.**, pursuant to the Revised Implementing Rules and Regulations of R.A. No. 9184.

*Issued this 17th day of December, 2019
City of Manila, Philippines.*

For the Insurance Commissioner:

JONALYN A. OQUIAS
IC Senior Insurance Specialist
In-Charge of Office of Suretyship Unit
Office of the Insurance Commissioner
Paid under O.R. No. 0255001 A

IC-LRE-DP-001-F-15
Rev. 1

fjao

Big. 2019/41-R
(No.) 2019/41-R



Republika ng Pilipinas
Republic of the Philippines
Kagawaran ng Pansanalapi
Department of Finance
INSURANCE COMMISSION

ITO AY PATUNAY na hing PHILIPPINE BRITISH ASSURANCE COMPANY, INC.
(This is to certify that

NG LUNGSOD NG MAKATI, PILIPINAS

na isang
a

pang DI-BUHAY
NON-LIFE

(FIRE, MARINE, CASUALTY, & SURETY)

na kompanya ng seguro ay nakatugon sa lahat ng mga kailangang itinakda ng batas
insurance company, has complied with all requirements of law

ng Pilipinas kaugnay sa gayong mga kompanya ng seguro, kung kaya pinagkakalooban
of the Philippines relative to such insurance companies, and it is hereby granted

nilong KATIBAYAN NG PAGKAMAYKAPANGYARIHAN upang makipagnegosyo ng
this CERTIFICATE OF AUTHORITY to transact

uri ng seguro na itinakda sa itaas hanggang ikalabingdalawa ng hatingsabi, ng ikatatumpu't isang
the class of insurance business above set forth until twelve o'clock midnight, on the thirty-first

araw ng Disyembre, taong dalawang hato't dalwampung-isa
day of December 2021

maliban kung agad na bawlin o pigilin ng may makatuwirang dahilan.
unless sooner revoked or suspended for cause.




Bilang KATUNAYAN NITO, inilagda ko ang aking pangalan
(in WITNESS WHEREOF, I have hereunto subscribed my name

at ikinintal ang Opisyal na Tatak ng aking Tanggapan
and caused my Official Seal to be affixed,

sa Lungsod ng Maynila, Pilipinas. Ito ay may bisa
at the City of Manila, Philippines. This becomes

simula ita-isa ng Enero 2019.
effective on 1 January 2019.)


DENNIS B. FUNA
Insurance Commissioner

*AO No. 60 issued on
June 26, 1990 **JAN 10 2019**
Date Issued: _____

CERTIFIED PHOTOCOPY

By: 