

PURCHASE ORDER CITY GOVERNMENT OF PASIG

Supplier	: LIGHTNET	CONNECT SYS	STEMS CORP.	– P.O. N	P.O. No. : 23-10-0688				
Address	SS : 454-1 1. Suit St., Bigy, Martinez Del 90, Pateros				_ Date :				
					_ Mode o	f Procurement:	PUBLIC BIDDING		
Gentlemen:	Please fu	rnish this off	ice the following articles su	ubject to the terms and co	nditions co	ntained herein:			
				Delinear Town CO Co	dandar Dava				
Place of De Date of De		amantasan ng	Lungsod ng Pasig	Delivery Term : 60 Ca Payment Term : within		completion of delivery			
	ilvery .		T			UNIT			
ITEM NO.	UNIT	QTY	DES	CRIPTION		COST	AMOUNT		
NO.	UNII	QII							
1	LOT	1	and Wireless Network E.TECHNICAL SPECIFICA 1. Cable Standard compliar "AZ/NZS 3080 - Generic ca 11801. "TSO/TEC 60794-1-2 - Fib "ITU-T Recommendations OM2, and OM3. 2. Optical Fiber Specificatio "Fiber Core - the optical fib OM3. "Minimum Bandwidth - the should be >2000MHz kilometer @ 85 1300- nm overfilled LED. "Numerical aperture - the fa a minimum 0.200 lus and r "Core - core diameter: 50 p "Zero Dispersion Slope - n 3. Termination Module: "Mounting - the 19" rack m consist of a frame mountal splicing fiber optic cables a fiber optic interconnections "Slots Termination - the 19 12 or 24- ports for one (1) position unit or have a slid 4. Patch Cords:	nce should be: abling for customer premises per optic testing methods recommendations for G.651 per must have a 50/125-µm fix coptical fiber minimum bandw 50-nm laser & >5000MHz kilon fiber numerical aperture shoul minus 0.015. plus and minus 3 µm. nust be <0.101 ps/(nm2-kilom nount fiber termination unit she ble housing for terminating an and allow for the organization	ISO/IEC 1 OMI, ber vidth meter at ld be at meter). all ind/or of the pe either a fixed cess.	1,067,000.00	1,067,000.00		
For the	improvement 8	& system upgrad	de of interconnection of networks	between offices, classrooms & co	omputer labora	itory at Pamantasan ng l	ungsod ng Pasig		
	1		And the second second						
Control N	To, 4918					GRAND TOTAL :	Php 1,067,000.00		
Total An	nount in W	ords One M	lillion Sixty-seven Thousand	Pesos Only.					
- In	case of the	failure to mak	te the full delivery within the tire toosed as provided for by the, 2	me specified above, a penalty	of one tenth	(1/10) of one (1) per	cent		
Conform		Detable	MALONG I name of Supplier) T J. 1013 Date			ry truly yours, OR MA REGIS (Authorized Off) City Mayor	ficial)		
Requisit		the	ANINGAS	Funds Available : JUVY A. EUEN Chief Accounts	coo	Amount:OBR No.:O	P1,047,600.00 06-2023-06 187-3323 Page-		



CITY GOVERNMENT OF PASIG

Supplier : LIC	ilier: LIGHTNET CONNECT SYSTEMS CORP.					P.O. No. : 23-10-0688		
Address: 45	ress: 434-11. Sum St., brgy. Martinez Del 50, Pateros			Date:		5/2023		
				Mode of	Procurement:	PUBLIC BIDDING		
Gentlemen: Ple	ase furnish this offi	ce the following articles subj	ject to the terms and condi	litions con	tained herein:			
Place of Deliver	y: Pamantasan ng	Lungsod ng Pasig	Delivery Term: 60 Calend	ndar Days				
Date of Deliver			Payment Term: within 45		completion of delivery			
ITEM					UNIT			
	NIT QTY	DESCI	RIPTION		COST	AMOUNT		
For the improv	rement & system upgrad	patch cord. "Cable Performance Testing - testing, the cable must suppo at a distance of up to 550-me surface with IEEE 802.ae stal "Compliance - the component conform to the fiber and cable 568, ISO 11801, Telcordia GF standards. All cables have UL OFNR (UL-1666/CSA FT4) o FT6). 5. Cable Standard compliance "Modular Jacks meet or exce 11801 requirements "Cable Qualification - qualifier 50288-6- 1 and TIA-568C.2 "Cable Size - the UTP Cable (AWG24) "Other feature - the UTP Cab separate the airs. 6. Patch Panel: "Contact Plating Specification"	ne installed OM3 fiber optic call must have SPC polish, typical must have SPC polish, typical must have SPC polish, typical cors - the patch cords should be ramic connectors at each end the specification for bending rate OD can be 2-mm or 3-mm. In extrength must be 45N or must be a multi-mode SC to learn the note of performance on the note of performance of transmission speed up to 16 sters with an 850-nm vertical condard. Its are designed and tested to be performance requirements of R-409-CORE and ICEA-596 for OFNP (NFPA-262/UL 910/C) as should be: The designed and tested to be performance requirements of the condition of the should be: The designed and tested to be performance requirements of the condition	abling. al be d. cadius LC OGbps cavity of TIA either CSA O/IEC EN	ory at Pamantasan ng L	ungsod лg Pasig		
1/		The strike strike All			DAND TOTAL	Php 1,067,000.00		
Control No.	4918		0.1	G	RAND TOTAL:	Filp 1,007,000.00		
		illion Sixty-seven Thousand Pe						
In case of the failure to make the full delivery within the time specified above, a penalty of one tenth (1/10) of one (1) percent for every day of delay shall be imposed as provided for by the, 2016 IRR of RA 9184. Very truly yours, Victor Ma REGIS N. SOTTO (Authorized Official) (Signature over printed name of Supplier) Date								
Requisitionin	g Office/Dept.: GLICERIO M. M. (Anthonized Office)	ANINGAS	JUVY A. JUENCO Chief Accountant	ed .	Amount:	11067,600.00 00-2023-06 187-3323 Page-		



CITY GOVERNMENT OF PASIG

applier: LIGHTNET CONNECT SYSTEMS CORP.					P.O. No. : 23-10-0688			
	ddress: 454-I T. Sulit St., Brgy. Martirez Del 96, Pateros				10/06	5/2023		
				_ Mode of	Procurement:	PUBLIC BIDDING		
Gentlemen: Plea	ase furnish this off	ice the following articles su	ubject to the terms and cor	nditions cor	tained herein:			
lose of Deliver	y : Pamantasan ng	Lungsod ng Pasig	Delivery Term : 60 Cal	lendar Davs				
Date of Delivery		Lungsou ng r asig	Payment Term : within		completion of delivery			
ITEM					UNIT			
	NIT QTY	DES	CRIPTION		COST	AMOUNT		
For the improve	ement & system upgrad	"Plug Insertion Life - the pathave a plug insertion life of 7.Patch Cord: "Factory Prefabricated - Cafabricated. "Matching - the type of pate AWG28 or known common "Documented and properly of and will be the basis of male and will be the signal strength. "Exceeds ANSI/TIA Cat.6 p"Up to 32% smaller outer d"Enhanced flexibility, which circuit tracing. "Flexible strain relief boot resure peak performance. 9.Compliant: "The connectivity must be 802.3af and IEEE 802.3af must be 100% performance cord delivers specified performance and the symbol and the switch additional Mo-Must be compatible to the Switch) -Minimum requirements for "Additional 1 unit, 24 Ports"	diameter than other patch cord notably improves handling an amaintains proper bend radius to compliant to PoE meeting IEE for PoE applications. The Context tested for confidence that experience wire map, NEXT and Hardware existing Core Switch (HP 105) or exiting Core Switch:	el will 603-7. hine all be ord. sust be in turnover g. superior num ds. ind to EE nnectivity ach patch ind return	ory at Pamantasan ng l	ungsod ng Pasig		
		1	100	- 1				
00.117.01 × 101	1918			G	RAND TOTAL :	Php 1,067,000.00		
Total Amount	in Words One M	illion Sixty-seven Thousand	Pesos Only.					
for every day of Conforme:	of the failure to make of delay shall be imp ABEGALL C. Signature over printoli [0] 1	osed as provided for by the, 2	ne specified above, a penalty 2016 IRR of RA 9184.	Ver	y truly yours, OR MA REGIS (Authorized Off City Mayor	N. SOTTO		
	GLICERIO M. M. (Authorized Office	. 24	Funds Available : JUVY A. QUENC Chief Accountage		Amount:	91,007, 600.00 00-2023-06 187-3323 Page-		



CITY GOVERNMENT OF PASIG

SHTNET CONNECT SYSTEMS CORP.			P.O. No.	P.O. No. : 23-10-0688			
			Date: 10/06/2023				
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furnish this offi	ce the following articles s	ubject to the terms and o	conditions conta	ained herein:			
Pamantasan ng	Lungsod ng Pasig						
		Payment Term : with	nin 45 days upon co				
QTY	DES	SCRIPTION		COST	AMOUNT		
at & system ingrad	"Additional 3 Years, NBD 8 "IDF Switch -Minimum Specs, consists "48 fixed 10/100/1000 PoE "4 SFP+ fixed 1,000/10,00 "1 dual-personality (RJ-45 "Dual Power Supply (reduited in the second in the secon	Support and services for 108 s of a IU height switch with: E+ Gig-T ports 10 ports 10 ports 10 r USB micro-B) serial connounce must be included) 10 witch 11 witch 12 witch 13 a connounce witch 14 a connounce witch 15 a connounce witch 16 a connounce witch 17 a connounce witch 18 a connounce witch 19 a connounce 10	E 802.1X,	ry at Pamantasan ng	Lungsod ng Pasig		
nt & system upgrad	e of interconnection of networks	Detween Cinces, Classiconis C	Compater lawyrate	, , , , , , , , , , , , , , , , , , , ,			
	A1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			TOTAL .	Dh. 4 007 000 00		
			GI	RAND TOTAL :	Php 1,067,000.00		
Words One M	illion Sixty-seven Thousand	l Pesos Only.					
ABEGALTE.	osed as provided for by the, MALONG name of Supplier)	ime specified above, a pena 2016 IRR of RA 9184.	Very	truly yours, OR MA REGIS (Authorized O	N. SOTTO fficial)		
ffice/Dept. :		Funds Available:		Amount:	\$ 1,047,060-00 00-2023-06		
	furnish this offi Pamantasan ng QTY OTY ABEGALL ABEGA	furnish this office the following articles s Parnantasan ng Lungsod ng Pasig "Additional 21 unit, 10Gig "Additional 3 Years, NBD 8" "IDF Switch -Minimum Specs, consists "48 fixed 10/100/1000 Pot "4 SFP+ fixed 1,000/10,00 "1 dual-personality (RJ-45 "Dual Power Supply (redu "Full L2 with lite Layer 3 s -Memory and Processor: "2Gb SDRAM, Packet But -Performance: "Throughput: up to 190 m "Switching capacity: 2166 "MAC address table size, -Management: "Command-Line Interface "Web Graphical User Inte "SNMPv1 / v2c / v3 -Security: "Access Control lists (ACI MAC address lockout, Po -Layer-2 Switching: "VLANs - provides support: 9t -Other Features: "Must have Open-Flow su "Support virtual resilient s "Green IT Certification "Must have free software "IDF Switch (other compoMinimum requirements: "Comply 18 units of IOG 3 "Comply Lifetime Warrant ont & system upgrade of interconnection of networks B Words One Million Sixty-seven Thousand the failure to make the full delivery within the tell of the provided of the posential of the provided of t	furnish this office the following articles subject to the terms and a paramatasan ng Lungsod ng Pasig Delivery Term: 60 Payment Term: with DESCRIPTION "Additional 21 unit, 10Gig SFP+ Transceivers "Additional 3 Years, NBD Support and services for 10 "IDF Switch -Minimum Specs, consists of a IU height switch with: "48 fixed 10/100/1000 PoE+ Gig-T ports "4 SFP+ fixed 1,000/10,000 ports "1 dual-personality (RJ-46 or USB micro-B) serial cor "Dual Power Supply (redundancy must be included) "Full L2 with lite Layer switch -Memory and Processor: "2Gb SDRAM, Packet Buffer size: 4Mb, 512Mb flash -Performance: "Throughput: up to 190 million pps "Switching capacity: 216Gbps "MAC address table size, 32000 entries -Management: "Command-Line Interface (GLI) "Web Graphical User Interface (GUI) "SNMPv1 / v2c / v3 -Security: "Access Control lists (ACL), RADIUS/TACACS+, IEE MAC address lockout, Port Security: "Access Control lists (ACL), RADIUS/TACACS+, IEE MAC address lockout, Port Security: "Access Control lists (ACL), RADIUS/TACACS+, IEE MAC address lockout, Port Security: "As packet support "Support virual resilient switching fabric technology "Green IT Certification "Must have Open-Flow support "Support virual resilient switching fabric technology "Green IT Certification "Must have free software downloaded via the Interne "IDF Switch (other components): -Minimum requirements: "Comply 18 units of IOS SFP+ LC SR Transceiver "Comply 18 units of IOS SFP+ LC SR Transceiver "Comply 18 units of IOS SFP+ LC SR Transceiver "Comply Ifetime Warranty for the Switch internet sellar to make the full delivery within the time specified above, a penselay shall be imposed as provided for by the, 2016 IRR of RA 9184. **ABEGAIT** MANOG** **BEGAIT** MANOG** **ABEGAIT** MAN	Date: Mode of Journal of the following articles subject to the terms and conditions cont Parmantasan ng Lungsod ng Pasig Delivery Term: 80 Catendar Days Payment Term: within 45 days upon co Parmantasan ng Lungsod ng Pasig Delivery Term: 80 Catendar Days Payment Term: within 45 days upon co Payment Term: within 45 days upon co "Additional 21 unit, 10dig SFP+ Transceivers "Additional 31 Years, NBD Support and services for 10500 Swich "IDF Switch -Minimum Specs, consists of a IU height switch with: "45 Fixed 1000/10,000 ports "4 SFP+ fixed 1000/10,000 ports "5 Switching 10,000 ports "5 Switching 10,000 ports "5 Switching 10,000 ports "6 Switching: "6 Access Control lists (ACL), RADIUS/TACACS+, IEEE 802.1X, MAC address lockout, Port Security 4 Layer-2 Switching: "7 Access Control lists (ACL), RADIUS/TACACS+, IEEE 802.1X, MAC address lockout, Port Security 4 Layer-2 Switching: "7 Access Control lists (ACL), RADIUS/TACACS+, IEEE 802.1X, MAC address lockout, Port Security 4 Layer-2 Switching: "7 Access Control lists (ACL), RADIUS/TACACS+, IEEE 802.1X, MAC address lockout, Port Security 4 Layer-2 Switching: "7 Access Control lists (ACL), RADIUS/TACACS+, IEEE 802.1X, MAC address lockout, Port Security 10 Jumbo Packet support 18 from size. 10 Interpretation of 10 Control	August St., Bryy. Martinez Del 96, Pateros Date : Mode of Procurement:		



CITY GOVERNMENT OF PASIG

Supplier: LIGHTNET CONNECT SYSTEMS CORP. Address: 454-I T. Sulit St., Brgy. Martirez Del 96, Pateros				P.O. No. : 23-10-0688				
				Date: 10/06/2023				
			Mode o	f Procurement:	PUBLIC BIDDING			
	our a registrature it libra	in Million Common	1	ntained baseins				
furnish this offi	ce the following articles s	subject to the terms ar	na conditions co	ntained nerein:				
Damantacan na	Lungsod na Pasia	Delivery Term :	60 Calendar Days					
r amantasan ng	Language ing racing			completion of delivery				
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QTY	DESCRIPTION			COST	AMOUNT			
	"24 fixed 10/100/1000Gig." 1 port Expansion Module "2 Power Supply slots (Re "Full L3 Switch -Memory and Processor: "2Gb SDRAM, Packet BuPerformance: "Throughput: up to 200 m "Switching capacity: 2800" "MAC address table size -Management: "Command-Line Interface "Web Graphical User Inte "SNMPv1/v2c/v3 -Security: "Access Control lists (ACI MAC address lockout, PoLayer 2 & 3 Feature Set: "Layer 2: VI-AN "GARP VI-AN Registratio "Internet Group Managen Listener Discovery (MLD) "Spanning Tree/MSTP, R "Layer 3 "Static IPv4 routing/IPv6 i "Routing Information Prot "Open shortest path first -Other Features: "Support virtual resilient s "Green IT Certification "Must have free software 12.New DR Core Switch	a-T ports with 4 SFP+ pore slots edundancy must include) affer size: 4Mb, 512Mb flat dillion pps dill	EEE 802.1X, d Mutlicast routing gy the internet		unaned as Paris			
nt & system upgrade	e of interconnection of networks	s between offices, classroon	ns & computer labore	atory at Pamantasan ng I	ungsod ng Pasig			
		<u> </u>						
3				GRAND TOTAL:	Php 1,067,000.00			
Words One Mi	llion Sixty-seven Thousand	d Pesos Only.						
ABEGAILE	name of Supplier)	time specified above, a p 2016 IRR of RA 9184.	Ve	ry truly yours,	N. SOTTO			
ffice/Dept.:		Funds Available:		Amount:	1,067,600.00 00-2023-06			
	furnish this office Pamantasan ng OTY OTY ABEGAL A	furnish this office the following articles of the following articles o	furnish this office the following articles subject to the terms at Pamantasan ng Lungsod ng Pasig Delivery Term: Payment Term: OTY DESCRIPTION 11. New DR Core Switch -Minimum Specs, consists of IU height switch with "24 fixed 10/100/1000Gig-T ports with 4 SFP+ por "1 port Expansion Module slots "2 Power Supply slots (Redundancy must include) "Full L3 Switch -Memory and Processor: "2Gb SDRAM, Packet Buffer size: 4Mb, 512Mb flaterformance: "Throughput: up to 200 million pps "Switching capacity: 280Gbps "MAC address table size 32000 entries -Management: "Command-Line Interface (CLI) "Web Graphical User Interface (GUI) "SNMPv1/v2c/v3 -Security: "Access Control lists (ACL), RADIUS/TACACS+, IMAC address lockout, Port Security -Layer 2 & 3 Feature Set: "Layer 2: VI-AN "GARP VI-AN Registration Protocol "Internet Group Management Protocol (IGMP) and Listener Discovery (MLD) protocol snooping "Spanning Tree/MSTP, RSTP, STP Root Guard "Layer 3" "Static IPv4 routing/IPv6 routing "Routing Information Protocol (RIP), policy-based "Open shortest path first (OSPFv3) -Other Features: "Support virtual resilient switching fabric technolog "Green IT Certification" "Must have free software update, downloaded via 12.New DR Core Switch (Other components) at & system upgrade of interconnection of networks between offices, classroon alloy shall be imposed as provided for by the, 2016 IRR of RA 9184. ABEGAIL **WALNING** atture over printeglmany of Supptier) In the Jayong** ABEGAIL** **WALNING** atture over printeglmany of Supptier) In the Jayong** ABEGAIL** **WALNING** ABEGAIL** **WALNING** atture over printeglmany of Supptier) In the Jayong** ABEGAIL** **JAYONG** Atture over printeglmany of Supptier) In the Jayong** ABEGAIL** **JAYONG** ABEGAIL** **JAYONG** Atture over printeglmany of Supptier) In the Jayong** ABEGAIL** **JAYONG** A	Fourish this office the following articles subject to the terms and conditions co Pamantasan ng Lungsod ng Pasig Delivery Term: 60 Calendar Days Payment Term: within 45 days upon 11.New DR Core Switch Minimum Specs, consists of IU height switch with: "24 fixed 10/100/100/06_T ports with 4 SFP+ ports "1 port Expansion Module slots "2 Power Supply slots (Redundancy must include) "Full L3 Switch Memory and Processor "2G6 SDRAM, Packet Buffer size: 4Mb, 512Mb flash Performance: "Throughput up to 200 million pps "Workling agaschy: 280Gbps "MAC address table size 32000 entries Management: "Command-Line Interface (CLI) "SNMP-1 h/2c/V3 Security: "Recurse Control lists (ACL), RADIUS/TACACS+, IEEE 802.1X, MAC address lockout, Port Security Layer 2 & 3 Feature Set: "Layer 2: VI-AN "CARP VI-AN Registration Protocol "Internet Group Management Protocol (IGMP) and Mutlicast Listener Discovery (MLD) protocol snooping "Spanning Tree/MSTP, RSTP, STP Roof Guard "Layer 3 "Static IPv4 routing/IPv6 routing "Routing Information Protocol (RIP), policy-based routing "Open shortest part first (OSPPV3) -Other Features: "Support virtual resilient switching fabric technology "Green IT Certification "Must have free software update, downloaded via the internet 12 New DR Core Switch (Other components) Words One Million Sixty-seven Thousand Pesos Only. Let failure to make the full delivery within the time specified above, a penalty of one tentilalay shall be imposed as provided for by the, 2016 IRR of RA 9184. Ve ABEGAIL **LANG** Layer 3 **Command Command Pesos Only.** Later or pythics/hange of supplier) 10 130 12032 Date	Sulls St. Bray, Martirez Del 96, Pateros Date:			



CITY GOVERNMENT OF PASIG

Supplier : 116	LIGHTNET CONNECT SYSTEMS CORP.				P.O. No. : 23-10-0688			
	-	Sulit St., Brgy. Martirez Del 96, Pateros			10/06	3/2023		
Address . 43	4-i 1. Suilt St., Digy. We	artirez Der 50, Fateros		Date : Mode of Pr	ocurement:	PUBLIC BIDDING		
Gentlemen:		e samo ne Aire			ned berein:			
Ple	ase furnish this office	ce the following articles subje	ect to the terms and condition	ons contai	med rierein.			
Dans of Dalisson	Domenteen na	Lungeod pa Pasia	Delivery Term : 60 Calenda	ır Davs				
Date of Deliver	y: Pamantasan ng	Luligsou lig Pasig	Payment Term : within 45 da		pletion of delivery			
ITEM	,				UNIT			
	NIT QTY	DESCR	RIPTION		COST	AMOUNT		
		"Comply 2 units of IOG SFP+ I "Comply Lifetime Warranty for 13.Wireless Access Point & Co -Minimum Specification for Acc "Must be, Dual-Radio, IEEE 8G (300Mbps max. rate) and 5 GH radios, and three omnidirection "Must be a Controller-based Ac "Must be a Controller-based Ac "Must be compatible to the Pol compliance -Antennas: "Three (3) integrated down-tilt MIMO with peak antenna gain 5GHzPower: "Maximum power consumptior "Power over Ethernet (PoE): 4 compliant source -Minimum Specification for Co "Four (4) Dual SFP or 100Bas supports up to 250 AP and 8,0 power supply -Performance and Capacity: "Must be support up to 250 AP "Must have firewall features fo "Must have firewall features fo "Must have 8,000 concurrent u -Minimum Requirements for A	ontroller cess Point: 02.11ac, 2.4 GHz MIMO Hz MIMO (1300Mbps max. rate nal downtilt antennas. ccess Point. E+ Switch with IEEE 803.at omnidirectional antennas for 3: of 3.9dBi in 2.4GHz and 5.4dB n: 13-watts (PoE) or 11-watts 18-Vdc (nominal), 802.3af/3at ontroller: ie-T Ports with 2 SFP+ Ports, 000 clients, with integrated AC P license maximum or mobility wireless orted users	3×3				
For the improv	ement & system upgrade	e of interconnection of networks betwe	ing Follows ************************************		at Pamantasan ng l	Lungsod ng Pasig		
Control No.	4918			GR/	AND TOTAL :	Php 1,067,000.00		
		llion Sixty-seven Thousand Pes	sos Only.					
In case of the failure to make the full delivery within the time specified above, a penalty of one tenth (1/10) of one (1) percent for every day of delay shall be imposed as provided for by the, 2016 IRR of RA 9184. Very truly yours, Victor MAREGIS N. SOTTO (Authorized Official) City Mayor Date								
î	g Office/Dept.: GLICERIO M. MA (Authorized Office	ANINGAS	JUVY A. CUENCO	x	Amount:	91,067,060.60 00-2623-06 187-3323 Page-		