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Accountant IV Chief Accountant Republic of the Philippines

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

Gen. Santos Avenue, Bicutan, Taguig City

MIN 2 3 2021.

-			The state of the s	31 to 38; Fax: 8	37-0430	. /	MGO/
	DIID			000-284-708		Ц	4.03
			ORDER				0358
	Supplier,		ETWORKS TECHNOLOGIES INC.	C . D . C	P.O. No.:		
	Address	10 9092 · 4	Global Corporate Center, #3 J Vargas Ave., Ortigas 631-1775; fax 631-4028	Center, Pasig City	Date:	21-J t	m- 21
	Tel No.: 2	17 000 , 0			P.R. No.:		0424
-	TIN :		009-264-536-000		Date:	04-M	ay-21
1	Gentleme	en:			Dute.		
	Please	furnish this	Office the following articles subject to the terms AIM/Machinery and Equipment Outlay	and conditions	contained he	erein:	
-	Place of D				Delivery Te	rm. 45 CD	ARNP
-	Date of De		45 calendar days after receipt of Notice to Pr	roceed	Payment Te	-rm LDDA	•
	Mode of Pr	rocurement	Public Bidding		r wymene ve	VATI	NCLUSIVE
	Item No.	Unit	Description		Quantity	Unit Cost	Amount
AND REAL PROPERTY CO.	1	lot	"PROCUREMENT OF ONE (1) LOT SUPPLY, D INSTALLATION OF SERVER OPERATING SYST	EM, NETWORK	1 2	670,000.00	2,670,000.00
			SWITCH, NETWORK ATTACHED STORAGE AN				
-			NETWORK(LAN) STRUCTURED CABI	.ING"			
	III. SCOPE						
1	• Acquire	one (1) W	indows Server 2019 Datacenter ROK (16 com	e) license- Mul	ti language		1427
	 Upgrade Datacente 		Production Server Operating System at Plat	inum Building	(From Data	center 2012	to
- 1			Notwork Switch 1000 with transactions to be				
			Network Switch 10GB with transceiver, to be econdary datacenter technology.	installed at Go	old Building	main datac	enter and
			econdary datacenter technology. etwork Attached Storage (NAS), to be installe			f a	
1	backup Vir	tual Mach	ines (VMs)	ea ana configu	rea at main	datacenter	to store
			of existing physical server at secondary data	nombor			
			or backup migration, from Windows 2012 to) a Doctore		alaum VAAn in
1	Windows	0010 envi	conment	WINDOWS 2015	• Kestore	and test ba	ickup vms in
			rver data cabinet to secure and protect serve	ers at the secon	dany datao	ontor	
1	Conduct	LAN resto	pration and restructuring on both main and se	acondary data	antor	entei	
			echnical documentation	condary data	entei	.	
			nd commissioning of Server, Network Switch	NAS cables a	nd other ne	rinherale	
I	• End-to-e	nd taggin	g and labelling	, IVAS, Cables di	na other pe	inplication	
			etwork switches and NAS management				
١	IV. MAINT	ENANCE A	AND SUPPORT				
			Equipment, One (1) year on Technical Suppo	ort with dedica	ted Fngine	er !	
ļ.	• Unlimite	d 24 X 7 in	iternational email support.			-	
			hin one (1) hour from receipt of notice.			1	
						1	
ŀ	V. TRAINI	NG / KNO	WLEDGE TRANSFER		1		
١	 Basic and 	d advance	d to cover administration and operation.	ĺ	İ	i	
ŀ	Provide t	technical	raining from a certified solution engineer.	Number of par	ticipants: a	t least five	(5)
			num three (3) days of training.		-	1	
L			27 9 304 3057		1	1	
L	(Total Amou	unt in Word	ls) Page I of 6				
Γ	In case	of failure to	o make the full delivery within the time specified a	above a penalty	of one-tenth	(1/10) of on	a parcont
	for every da	ay of delay	shall be imposed.	above, a penale,		(1/10) 01 011	e percent
		1		Verv tr	uly yours,		
		1	A		- 4	701	
	Conforme:	M	VVI -		BERT O. DI.		
	VATAL	tra/Alax	DOR Larga	LAO	CLUVE DITECT		
1	KATAIN ()	u ay may	~ RO POLICIA	Auth	orized Officia	al	
	orgnature of	ver Printed	Name of Supplier			*	
		Date	-11-1				
1			The state of the s				
1	Funds Availa JOHI	NINY G. QL	JINGCO				
				4	A CARLES A	DESCRIPTION OF THE PARTY OF	The second secon

1060/0/07 P.O. No.



METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

Gen. Santos Avenue, Bicutan, Taguig City Tel. nos. 837-0431 to 38; Fax: 837-0430 TIN# 000-284-708

PURC	CHASE	ORDER	00 201700			
Supplier:	IERRA N	ETWORKS TECHNOLOGIES INC.		P.O. No.:	21-06	-0358
Address	004 Antel	Global Corporate Center, #3 J Vargas Ave., Ortigas Ce	enter, Pasig Cit	'Date:	21-Ju	n-21
Tel No.: 2	19 8983 ;	631-1775; fax 631-4028		P.R. No.:	2105	0424
TIN :		009-264-536-000		Date:	04-M	ny-21
Gentleme	n:			Dutc.		
Please	furnish thi	s Office the following articles subject to the terms a	nd conditions	contained by	erein:	
Place of De	elivery.ct	s Office the following articles subject to the terms at AIM FY 2021/Machinery and Equipment Outlay	The containons	Delivery Te	45 CD	ARNP
Date of Do	divory:	45 calendar days after receipt of Notice to Proc	ceed	Payment To		P
Mode of Pr	rocuremen	Public Bidding		1 dyment to	VAT II	NCLUSIVE
Item No.	Unit	Description "PROCUREMENT OF ONE (1) LOT SUPPLY, DEL	()	Quantity	Unit Cost 670,000.00	Amount
1	IOL			1 2	670,000.00	2,670,000.00
		INSTALLATION OF SERVER OPERATING SYSTEM SWITCH, NETWORK ATTACHED STORAGE AND				
		NETWORK (LAN) STRUCTURED CABLIN				
VI. PROJE	CT IMPLE	MENTATION AND PROJECT TEAM REQUIREMEN	ITS			
		***			1	
		vork breakdown schedule for project.				
		tion and test plan for the project.				
• One (1)	Account/	Project Manager, with at least one to two (1-2)	years project	t managen	ent experie	nce in
		ject implementation.			~	
		Support/Engineer:				
		yees of the Bidder for at least three to five (3-5				
		ust have implemented similar projects: Server u covery solution, among others.	ipgrade, NA	s configurat	ion/installa	tion,
Dackup, Di	saster Ne	covery solution, among others.				
VII. DOCU	MENTATI	ON				
				8		
• Two (2)	sets of t	he following in digital and hard copy:				
· Server U						
 Migration 	n Plan					
		Line Diagram				
 Final Net 	work/Str	uctured Cabling Diagram				
1						
\/TTT		D. ITA S SEA STORAGE			l	
VIII. OTH	K KEQUI	REMENIS				
a The hidd	or much l	and implemented backup /dispeter vegerous act				
at least 1	or more c	ave implemented backup/disaster recovery sol	ution same	with the Ce	iter's existir	ig solution in
		e knowledgeable on the backup/disaster recove	ery colution	secord by the	Center	
		o mioriroughable on the backey/ disaster record	ci y Solution	used by the	Center	
1						
					1	
(Total Amou	unt in Wor	ds) Page 2 of 6				
In case	of failure t	to make the full delivery within the time specified abo	ove, a penalty	of one-tenth	(1/10) of on	e nercent
for every da	ay of delay	shall be imposed.	, , , , , , , , , , , ,	o. o., conti	(1/10/01011	c percent
			Very t	ruly yours,		
Conforma	1/	Cal		BERT ODI	ZON	
Conforme:	KV			ecutive Direct		
Kazant	ra Mai	Ole Caraa			1	
Signature of	ver Printed	Name of Supplier	Autr	norized Officia	31	
		7/2/4				
	Date	. 1				
Funds Availa JOH	able	HINCCO	10			
JUHI	Accountant			mini air	11-11	27-
September 19 Septe	-		LOBS No.	INTO MY	1-06-10	U 047
	hief Accou	ntant A	mount:	2,670,6	חו	21-06-0352
				tocons	107 P.O. No	
				4,000	71007	



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Gen. Santos Avenue, Bicutan, Taguig City Tel. nos. 837-0431 to 38; Fax: 837-0430 TIN# 000-284-708

PUR	CHASE	ORDER	11N# 000-284-708			
Supplie	MA Antel G	ETWORKS TECHNOLOGIES INC.		P.O. No.:	21-06-	0358
Address:	9 8983 - 6	lobal Corporate Center, #3 J Vargas Ave., Or 31-1775; fax 631-4028	tigas Center, Pasig City	Date:	21-Ju	n-21
		009-264-536-000		P.R. No.:	21050	
TIN :		009-204-330-000		Date:	04-Ma	y-21
Gentleme		0.00				
Place of h	MD/ICT-	s Office the following articles subject to the NIM FY 2021/Machinery and Equipment	terms and conditions	contained he	erein:	
			to Drorood	Delivery Te	rm: 45 CD	ARNP
Mode of P	rocuremer	Public Bidding	to Froceed	Payment Te	rm LDDAP	CLUSIVE
Item No.	Unit	Description		0		
1	lot	PROCUREMENT OF ONE (1) LOT SUPPLINSTALLATION OF SERVER OPERATING SWITCH, NETWORK ATTACHED STORAGE NETWORK(LAN) STRUCTURED (SYSTEM, NETWORK E AND LOCAL AREA	Quantity 2,6	Unit Cost 70,880.80	2,676,000.00
Tech	nical Spec	ifications by Buyer and End-User (MIRDC)	Supplier Offer and C (Project Manage Technical Reso Corporation	nent & urces	MIRDC Evaluation (Pass/Fa	
-	ng System	1 license Windows Server 2019 Datacenter ROK (16 core) license— MultiLang	1 license Windows S Datacenter ROK (16 c MultiLang	erver 2019 ore) license-	Pass	
MIGRATI	ON / UPG	RADING / TESTING OF SERVER				
Migratio	∍n	Start of Virtual Machine (VM) migration from Virtual Production Servers to Virtual Recovery Site	Start of Virtual Mac migration from Virtual Servers to Virtual Re	Production	Pass	-
Upgrad	ing	Upgrade Windows Operating System from 2012 to 2019 version	Upgrade Windows (System from 2012 to 2	Operating 1019 version	Pass	
	of server	application, services, database, etc. ap is fully working	est and verify all migropplication, services, da is fully working	tabase, etc.	Pass	
TWO (2) U	NIT NETW	ORK SWITCH 10GB WITH TRANSCEIVER				
Type/	Specs	x SFP+ cages, Dual Core 800MHz x S CPU, 1GB RAM, 1U rackmount	mart Switch, 1 x Gigat SFP+ cages, Dual Cor CPU, 1GB RAM, 1U ra assive cooling case, D Supplies	re 800MHz ackmount	Pass	
		Multi-mode Dual-Fiber 10G SFP N with LC type	lulti-mode Dual-Fiber with LC type	10G SFP		
(T-1-1-2			ect Attached Cable 5	Meters		
(Total Amou		3				
In case of the core of the cor	of failure to y of delay s	make the full delivery within the time speci shall be imposed.	fied above, a penalty of	of one-tenth (1/10) of one	percent
Conforme:	kno		ROBE	lly yours, ERP O. DIZO tive Director	N	
	er Printed I	Name of Supplier	Autho	rized Official		-
unds A vail at JOHNN	The second secon			ial la t		
THE RESIDENCE OF THE PERSON NAMED IN	icf Accoun		ALOBS No. 16	101101-2021	- D6-000	V27
UI	ici Accoun	U) IL	Amount:	4670,000		4-86-8250
			t.	10 a0 to1	07 P.O. No.	.1-00-0338



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Gen. Santos Avenue, Bicutan, Taguig City Tel. nos. 837-0431 to 38; Fax: 837-0430 TIN# 000-284-708

TIN: Gentlemen: Please furnish this Of Place of Delivery: Date of Delivery: Mode of Procurement: Item No. Unit IN SV UPGRADE VIRTUAL PR Type/Specs Type/Specs DNE (1) UNIT NETWORK G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 18 G 19 CONTRIBUTION CONTRIB	al Corporate Center, #3 J Vargas Av. 1775; fax 631 4028 09-264-536-000 ffice the following articles subject to 1 FY 2021/Machinery and Equiporate alendar days after receipt of No. Dic Bidding PROCUREMENT OF ONE (1) LOT'S STALLATION OF SERVER OPERATE WITCH, NETWORK ATTACHED STONETWORK (LAN) STRUCTU RODUCTION SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC OM3 MMF Cable SERVER LAN (from 1GBE to 10GB LAN UPGRADE FROM 1GB TO 10GB COMPATIBLE WITH IBM X	O the terms and conditions nent Outlay Otice to Proceed OUPPLY, DELIVERY AND ING SYSTEM, NETWORK ORAGE AND LOCAL AREA RED CABLING" IGDE to 10GbE) LAN upgrade from 1 C Compatible with IBM X MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	P.R. No.: Date: Contained he Delivery Ter Payment Te Quantity B to 10GB Server Mode DIWW Transceiver Erver	21-Ju 2105 04-Ma rein: m: LDDAI VAT II Unit Cost 70,000.00	0424 ay-21 ARNP
Gentlemen: Please furnish this Of Place of Delivery: Date of Delivery: Mode of Procurement: Item No. Unit IN SV UPGRADE VIRTUAL PR Type/Specs Type/Specs	PROCUREMENT OF ONE (1) LOTS NETWORK (LAN) STRUCTU LAN upgrade from 1GB to 10GB MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable SERVER LAN (from 1GBE to 10GB LAN upgrade from 1GBE to 10GB MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable SERVER LAN (from 1GBE to 10GB LAN UPGRADE FROM 1GB TO	CUPPLY, DELIVERY AND ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X S MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	P.R. No.: Date: contained he Delivery Ter Payment Te Quantity Quantity Transceiver erver	rein: m: LDDAI VAT II Unit Cost	ARNP CLUSIVE
Gentlemen: Please furnish this Of Place of Delivery: Date of Delivery: Mode of Procurement: Item No. Unit IN SW UPGRADE VIRTUAL PR Type/Specs Type/Specs INE (1) UNIT NETWORK G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 18 G 18 G 18 G 19 G 10 G 10 G 10 G 11 G 12 G 13 G 14 G 15 G 16 G 17 G 18 ffice the following articles subject to 1 FY 2021/Machinery and Equipmedian days after receipt of Notice Bidding PROCUREMENT OF ONE (1) LOT'S INSTALLATION OF SERVER OPERATE WITCH, NETWORK ATTACHED STONETWORK (LAN) STRUCTURED SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MIT-M: 7X06 CTO1 WWW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC OM3 MMF Cable SERVER LAN (from 1GBE to 10GBE LAN UPGRADE FROM 1GB TO	CUPPLY, DELIVERY AND ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X S MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	Date: contained he Delivery Ter Payment Te Quantity Quantity Transceiver Payment Te	rein: m: LDDAI VAT II Unit Cost	ARNP NCLUSIVE	
Please furnish this Of Place of Delivery: Date of Delivery: Mode of Procurement: Item No. Unit IN SV UPGRADE VIRTUAL PR Type/Specs Type/Specs Type/Specs	Description PROCUREMENT OF ONE (1) LOT'S ISTALLATION OF SERVER OPERAT WITCH, NETWORK ATTACHED STO NETWORK(LAN) STRUCTU RODUCTION SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable SERVER LAN (from 1GbE to 10GB LAN UPGRADE FROM 1GB TO	CUPPLY, DELIVERY AND ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X S MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	Quantity B to 10GB Server Mode Daywer	TIM VAT II	NCLUSIVE Amount
Mode of Procurement: Item No. Unit IN SV UPGRADE VIRTUAL PR Type/Specs Type/Specs Type/Specs 12 G 12 G 12 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 19 G 19 G 10 G 10 G 11 G 11 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 18 G 19 G 19 G 10 G 10 G 11 G 11 G 12 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 19 G 1	Description PROCUREMENT OF ONE (1) LOT'S ISTALLATION OF SERVER OPERAT WITCH, NETWORK ATTACHED STO NETWORK(LAN) STRUCTU RODUCTION SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable SERVER LAN (from 1GbE to 10GB LAN UPGRADE FROM 1GB TO	CUPPLY, DELIVERY AND ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X S MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	Payment Te Quantity 2,0 B to 10GB Server Mode 01WW Transceiver	TIM VAT II	NCLUSIVE Amount
Mode of Procurement: Item No. Unit IN SV UPGRADE VIRTUAL PR Type/Specs Type/Specs Type/Specs 12 G 12 G 12 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 19 G 19 G 10 G 10 G 11 G 11 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 18 G 19 G 19 G 10 G 10 G 11 G 11 G 12 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 19 G 1	Description PROCUREMENT OF ONE (1) LOT'S ISTALLATION OF SERVER OPERAT WITCH, NETWORK ATTACHED STO NETWORK(LAN) STRUCTU RODUCTION SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable SERVER LAN (from 1GbE to 10GB LAN UPGRADE FROM 1GB TO	CUPPLY, DELIVERY AND ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X S MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	Payment Te Quantity 2,0 B to 10GB Server Mode 01WW Transceiver	TIM VAT II	NCLUSIVE Amount
Mode of Procurement: Item No. Unit IN SV UPGRADE VIRTUAL PR Type/Specs Type/Specs Type/Specs 12 G 12 G 12 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 19 G 19 G 10 G 10 G 11 G 11 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 18 G 19 G 19 G 10 G 10 G 11 G 11 G 12 G 12 G 13 G 14 G 15 G 16 G 17 G 18 G 18 G 19 G 1	Description PROCUREMENT OF ONE (1) LOT'S ISTALLATION OF SERVER OPERAT WITCH, NETWORK ATTACHED STO NETWORK(LAN) STRUCTU RODUCTION SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable SERVER LAN (from 1GbE to 10GB LAN UPGRADE FROM 1GB TO	CUPPLY, DELIVERY AND ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X S MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S ELENOVO 5m LC-LC OM3	Payment Te Quantity 2,0 B to 10GB Server Mode 01WW Transceiver	TIM VAT II	Amount
Type/Specs Type/Specs Type/Specs Type/Specs Type/Specs Type/Specs Type/Specs Type/Specs Type/Specs	PROCUREMENT OF ONE (1) LOT'S INSTALLATION OF SERVER OPERAT WITCH, NETWORK ATTACHED STO NETWORK (LAN) STRUCTU RODUCTION SERVER LAN (from LAN upgrade from 1GB to 10GB Compatible with IBM X Server Modi MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC OM3 MMF Cable SERVER LAN (from 1GbE to 10GB LAN UPGRADE FROM 1GB TO	ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X X MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S LENOVO 5m LC-LC OM3	B to 10GB Server Mode 01WW Transceiver erver	Unit Cost 76,996.99	- Amount
UPGRADE VIRTUAL PR Type/Specs Type/Specs Type/Specs 12 G 12 G 12 G 12 G 13	WITCH, NETWORK ATTACHED STONETWORK (LAN) STRUCTURED STONETWORK (LAN) STRUCTURED STONETWORK (LAN) STRUCTURED STONETWORK (LAN) STRUCTURED STONETWORK (LAN) UPGRADE FROM 1 GB TONETWORK (LAN) UPGRADE FROM 1 GB TONET	ING SYSTEM, NETWORK PRAGE AND LOCAL AREA RED CABLING" IGBE to 10GbE) LAN upgrade from 10 Compatible with IBM X X MT-M: 7X06 CTC Multimode SFP +10G for the IBM X S LENOVO 5m LC-LC OM3	B to 10GB Server Mode 01WW Transceiver erver		2,676,000.00
Type/Specs JPGRADE PLATINUM S Type/Specs NOTE (1) UNIT NETWORK 12 G 12 G 12 G 12	LAN upgrade from 1GB to 10GB Compatible with IBM X Server Mode MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC OM3 MMF Cable SERVER LAN (from 1GbE to 10Gb LAN UPGRADE FROM 1GB TO	LAN upgrade from 10 el Compatible with IBM X : MT-M: 7X06 CT0 Multimode SFP +10G for the IBM X S	Server Mode)1WW Transceiver erver	Para	
Type/Specs JPGRADE PLATINUM S Type/Specs NOTE: Type/Specs 12 G 12 B6 G	Compatible with IBM X Server Mod MT-M: 7X06 CTO1WW Multimode SFP +10G Transceiver for the IBM X Server Lenovo 5m LC-LC OM3 MMF Cable SERVER LAN (from 1GbE to 10Gb LAN UPGRADE FROM 1GB TO	MIT-M: 7X06 CTC Multimode SFP +10G for the IBM X See Lenovo 5m LC-LC OM3	Server Mode)1WW Transceiver erver	Pers	
JPGRADE PLATINUM S Type/Specs NE (1) UNIT NETWORK 12 G 12 B6 G	for the IBM X Server Lenovo 5m LC-LC DM3 MMF Cable ERVER LAN (from 1GbE to 10Gb LAN UPGRADE FROM 1GB TO	for the IBM X S	erver	Do	
Type/Specs Type/Specs NE (1) UNIT NETWORK 12 G	SERVER LAN (from 1GbE to 10Gb LAN UPGRADE FROM 1GB TO	Lenovo 5m LC-LC OM3		Pass	
Type/Specs Type/Specs NOTE (1) UNIT NETWORK 12 G 12 G 12	SERVER LAN (from 1GbE to 10Gb LAN UPGRADE FROM 1GB TO	E	MMF Cable		
NE (1) UNIT NETWORK	LAN UPGRADE FROM 1GB TO	h-/			
ONE (1) UNIT NETWORK 12 G 12 B6 G	SERVER MODEL MT-M: 8871 AC1	LAN UPGRADE FROM 10GB COMPATIBLE W SERVER MODEL MT AC1	ITH IBM X	Pass	
12 G 12 Ba G	Multimode SFP +10G Transceiver for the IBM X Server	Multimode SFP +10G Tr for the IBM X Ser			
12 G 12 Ba G	Lenovo 5m LC-LC OM3 MMF Cable	Lenovo 5m LC-LC OV Cable	13 MMF		
G 12 Ba	(ATTACHED STORAGE (NAS)				
Type/Specs Ca	2-Bay 2U NAS (Intel Xeon 2.7 6Hz Quad-core, D4 16GB ECC, 2 x 2.5" / 3.5" SATA, Up to 36- ay with RX1217x2, 4x GbE, 2 x 6en3 x8 Slots	12-Bay 2U NAS (Intel Xe GHz Quad-core, D4 16Gi 12 x 2.5" / 3.5" SATA, Up Bay with RX1217x2, 4x G Gen3 x8 Siots	B ECC.		
I PO	able: Dual Port 10 Gigabit SFP+ Cle x8 Ethernet Adapter for S+/XS Series NAS	Cable: Dual Port 10 Gigal PCIe x8 Ethernet Adapter XS+/XS Series NAS	bit SFP+	Pass	
HI	DD: 4 x 12TB (RAID 5)	HDD: 4 x 12TB (RAID 5)			
SI	liding Rail Kit for NAS included				
otal Amount in Words)	Page 4 of 6	Sliding Rail Kit for NAS no	cluded		
100	ke the full delivery within the time s be imposed.		of one-tenth (1	/10) of one	percent
nforme: KN ()	Carcia	ROBE Execu	RT O. DIZON tive Director	l	
Date	12	Autho	rized Official		-
ds Available: JOHNNY G. QUINGC	30				0
Accountant IV		ALOBS No. 06-10	1101-2121-	(מכודה - 1/4	27
Chief Accountant		Amount: # 2,	50 Cel 10100		

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

Gen. Santos Avenue, Bicutan, Taguig City Tel. nos. 837-0431 to 38; Fax: 837-0430 TIN# 000-284-708

Supplier:	1004 Antol C	TWORKS TECHNOLOGIES INC.	_	P.O. No.:	21-0	6-0358
Address: Tel No.:	219 8983 · 6	lobal Corporate Center, #3 J Vargas Ave. 31-1775; fax 631-4028	., Ortigas Center, Pasig C	Date:	21-1	un-21
			:	P.R. No.:		50424
TIN :		009-264-536-000		Date:		fay-21
Gentleme						
Please	furnish this C	Office the following articles subject to the ITM FY 2021/Machinery and Equipm 5 Calendar days after recount	e terms and conditions	contained h	erein:	
Place of D	elivery:	15 Calonday days The Target and Equipm	ent Outlay	Delivery Te	rm. 45 Cl	DARNP
Date of De	livery.	is calendar days after receipt of Not Public Bidding	ice to Proceed	Payment To		P
Item No.	ocurement.				VAT	INCLUSIVE
1	Unit	"PROCUREMENT OF ONE (1) LOT SU	IPPLY DELTWERY AND	Quantity	Unit Cost	Amount 2,670,000.0
		SWITCH, NETWORK ATTACHED STOR NETWORK(LAN) STRUCTUR	NG SYSTEM, NETWORI RAGE AND LOCAL AREA	ir .	2,670,000.00	2,670,000.0
1-PC. 0	FSTANDAR	D DATA CABINET PERFORATED				
		Floor Mounted 6ft' data cabinet	Floor Mounted 6ft' da			
		Bare Structure w/4 Standard Square hole vertical mounting rails	Bare Structure w/4 S hole vertical mounting	andard Squa rails	re	
ype	Specs	21.5W x 24 D"x6ft H	21.5W x 24 D"x6ft H		Pass	Annah
		Split perforated front door w/slam latch lock	Split perforated front of latch lock	loor w/slam		e different i vocato a description
		Perforated back door w/ push lock	Perforated back door	w/ push lock		
		2 Pcs vented side panels w/ push lock and louvers	2 Pcs vented side pan lock and louvers	els w/ push		
		Power strip w/ 12 pcs 3 pronged convenient outlets	Power strip w/ 12 pcs : convenient outlets	3 pronged	And and yet along property	
		1 unit rear vertical cable manager w/ 12pcs rings	1 unit rear vertical cabl 12pcs rings	e manager v	v/	
		w/4 sets heavy duty caster wheels & leveling ft.	w/4 sets heavy duty ca leveling ft.	ster wheels	S.	
		4 Pcs exhaust fan	4 Pcs exhaust fan			
		24 pcs cage nuts	24 pcs cage nuts			
		Color black	Color black			
		Powder coated finished	Powder coated finished			
CONTRACTOR OF THE PARTY OF THE	nt in Words)	Page 5 of 6			-	
In case o	f failure to m	ake the full delivery within the time spec I be imposed.	ified above a nonalty of	f one test	(4.14.0)	
every day	of delay sha	be imposed.	med above, a penalty o	one-tenth ((1/10) of one	percent
	17		Very tru	ly yours,		
nforme:	KMCA	A		BERT O. DIZ	ZONI	
and tr	al Mask.	81	Exec	cutive Directo	or .	
VALVI	of wall by	5 GATAIA	Autho	rized Official		
idiure ove	Printed Nan	ne of Supplier	natio	Official		
Da	ate 1	- ()				
JOHN	e: NY G. QUIN	GCO				
	Coulintant III		1		2020 0	
Ac	ccountant IV		ALOBS No. 11/a-	101111-215	1-11- AM	777
Ac	of Accountant		ALOBS No. 16-	10/10/-212	1-06-00r	127

MIRDE

Republic of the Philippines

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

Gen. Santos Avenue, Bicutan, Taguig City Tel. nos. 837-0431 to 38; Fax: 837-0430 TIN# 000-284-708

-		E ORDER	11N# 000-284-708			
Supplier:	1004 Ante	NETWORKS TECHNOLOGIES INC. H Global Corporate Center, #3 J Vargas Ave ; 631-1775; fax 631-4028	0		21-0	5-0358
Address:	219-8983	; 631-1775; fax 631-4028	., Ortigas Center, Pasig C	Date:	21-J	un-21
		009-264-536-000	8	P.R. No.:	210	50424
TIN :		007 204 330-000		Date:	04-M	lay-21
Gentleme	F-1200000					
Place of D	furnish th	is Office the following articles subject to the T-AIM FY 2021/Machinery and Equipm	he terms and conditions	contained h	erein:	
Date of De	elivery:	45 calendar days after receipt of No	tion to Dunnal	Delivery Te	-1111.) ARNP
Mode of D	rocurement	Public Bidding	tice to Proceed	Payment T	erm LDDA	***
Item No.	Unit	Doceriation -			VAL	NCLUSIVE
_		"PROCUREMENT OF ONE (1) LOT S INSTALLATION OF SERVER OPERATI SWITCH, NETWORK ATTACHED STO NETWORK(LAN) STRUCTURE	ING SYSTEM, NETWORK RAGE AND LOCAL AREA	Quantity	2,670,000.to	2,6 4 6,866.bo
STRUCTU	RED CA	LING				
		Fabrication of open bay rack cabinet	Exhrication of annual			Manage of the Control
		Mounting of network switch	Mounting of netwo	k switch	li l	
Type/S:	pecs	Patching of fiber patch cord from existing fiber panel to new installed network switch	Patching of fiber patc existing fiber panel to r network swit	new installed ch	Pass	
		Rehabilitation of existing UTP Cables voice and data	Rehabilitation of exi Cables voice an	d data		
		Re-tagging, testing and commissioning	Re-tagging, testi commission	ng and ng		
		4 Bags of marker tie	4 Bags of mark	er tie		
		5 rolls of Velcro for LAN cable	5 rolls of Velcro for L	AManhia		
		4 pcs of Fiber patch cord duplex SC to LC (MM)	4 pcs of Fiber patch cor to LC (MN)	d duplex SC		
		12 pcs Fiber Cable (Multi-mode Dual-Fiber 10G SFP with LC type)	12 pcs Fiber Cable (1) Dual-Fiber 10G SFP w	Vulti-mode		
Total Amou	nt in World	Page 6 of 6 By Million Five Hundred Thousand Two Hundred Sprty	FOUL PESOS AND HITV SAVAN CA		=P= ss: 5% GMP 1% EWT 1% RF	2,670,000.00 (119,196.43) (23,839.00) (26,700.00)
In case o	of failure to	make the full delivery within the A	and they devel de		-P-	2,500,264.57
or every day	of delay	o make the full delivery within the time spe shall be imposed.		/ \	(1/10) of one	percent
Conforme:	11	and the same of th		lly yours,	7041	
A . A	m	(.8)	RO	BERT O. DI	Z ON or	
Kazanti	ta Mar	100 Garma	material control of the control of t			_
ignature ove	er Printed	Name of Supplier	Autho	rized Official		
		12/21		/		
	ate	. /				
un ds A vailab JOHN A	MYG. QU	UINGCO IV	ALOTTO ::	must a	01 14	127
Chi	ef Accoun	tant	ALOBS No.	(01101-20	21-06-00	127
			Amount:	2.670,0	M	21-06-0358
			,	vo Cesio	100 PO. No.	

OBLIGATION REQUEST AND STATUS

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

No. :		
Date:	06-101101-2021-06-000027	
Fund:	06/24/2021	

MIRDC Co	mpund, Gen	. Santos Ave., Upper Bicutan, T	aguig City	runa.	06/24/2021		
White the control of the second state of the s						With the second	
Payee		TIERRA NETWORKS TE					
Office		12	O HOLOGICS IN	V.			
Address Responsibili	v Conton		Commence of the second commence process			The second secon	
		Particulars		MFO/PAP/KRA	UACS Code/E	xpenditure	Amount
242-01-0	7-23 - RO	PO No.21-06-0350 dated 06/ per PR No. 21050424 dated (506010100	7 ;	2.670,000.00
			Total				70.000 00
A.	Certified:	Charges to appropriation/	B.		Allotment availab	le and obligate	ed for the purpose/
Signature :	direct superv	cessary, lawful and under my vision; and supporting valid, proper and legal.			essary as indicated		3
			Signature :		•		
Printed Name	-	EDITA G. ABUTAL	Printed Name:		AGNES F	. PEDRAZA	
Position :	Projec	t Leader	Desiden				
	Head, Reque	esting Office/Authorized	Position:		Administra	tive Officer V	
Date :	Rep	resentative	Date :				
C.				OF OBLIGATION			
	Reference		SIAIUS	OF OBLIGATIO	Amount		
					Amount		Balance
Date	Particulars	ORS/JEV/RCI/RADAI No.	Obligation	Payable	Payment	Not Yet Due	Due and Demandable
			(a)	(b)	(c)	(a-b)	(b-c)
06/24/2021	ORS	06-101101-2021-06-000027 2	,670,000.00				

CONTRACT AGREEMENT

THIS AGREEMENT made the 21st day of June 2021 between METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER of the Philippines (hereinafter called "the Entity") of the one part and TIERRA NETWORKS TECHNOLOGIES, INC. of Pasig City, Philippines (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly "PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY AND INSTALLATION OF SERVER OPERATING SYSTEM, NETWORK SWITCH, NETWORK ATTACHED STORAGE AND LOCAL AREA NETWORK(LAN) STRUCTURED CABLING" and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of Two Million Six Hundred Seventy Thousand Pesos only (PhP2,670,000.00), (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- 2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
 - i. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
 - ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- iii. Performance Security;
- iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
- v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract

of.

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execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

- In consideration for the sum of Two Million Six Hundred Seventy Thousand Pesos only (PhP2,670,000.00), or such other sums as may be ascertained, TIERRA NETWORKS TECHNOLOGIES, INC. agrees to deliver "PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY AND INSTALLATION OF SERVER OPERATING SYSTEM, NETWORK SWITCH, NETWORK ATTACHED STORAGE AND LOCAL AREA NETWORK(LAN) STRUCTURED CABLING" in accordance with his/her/its
- The Metals Industry Research and Development Center agrees to pay the abovementioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

Binding Signature of Procuring Entity:

ROBERT O. DIZON Executive Director

Binding Signature of Supplier:

Sales Manager

Certified Funds Available

ACKNOWLEDGMENT

REPUBLIC OF THE PHILI	PPINES)
CITY OF	221
MANDALUYON	G CIDA

Before me, a Notary Public for and in the MANDALUYONG CITY this 2021, personally appeared:

NAME
I.D. NO.

DATE/PLACE ISSUED

ROBERT O. DIZON
P4453911B
DFA, NCR East/Jan. 20, 2020

Kazandra Mae G. Garcia
P4927711B
DFA, NCR East/ Feb 24, 2020

all known to me to be the same persons who executed the foregoing instrument and they acknowledged to me that the same is their free act and deed as well as of the principal they represent.

This instrument refers to **Supplier's** Agreement consisting of three (3) pages, including this page in which the Acknowledgment is written, signed by the parties and their witnesses on each and every page and sealed with my notarial seal.

WITNESS MY HAND AND SEAL on the date and place above written.

Doc No. 47; Page No. 11; Page No. 6, 6, 5; Series of 2021.

NOTAPY PUBLIC
APPT NO. 0442-21
Until 12/31,2022
IBP No. 134105 Dec. 9, 2020 Rizal Chapter
Roll No. 26890 Lifetime
MCLE No. VI-0012875 until 4/14/2022
TIN No. 116-239-956
PTR No. 4574511 01/04/2021
Tel. No. (02) 854-523-2
Rm, 314 J&B Bldg., 251 RDSA,
Mandaluyong City



NOTICE TO PROCEED

June 21, 2021

Very truly yours,

KAZANDRA MAE G. GARCIA
Sales Manager
TIERRA NETWORKS TECHNOLOGIES, INC.
10F Antel Global Corporate Center
#3 Julia Vargas Ave.,
Ortigas Center, Pasig City

The attached Contract Agreement having been approved, notice is hereby given to TIERRA NETWORKS TECHNOLOGIES, INC. that the work may proceed on the project for the "PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY AND INSTALLATION OF SERVER OPERATING SYSTEM, NETWORK SWITCH, NETWORK ATTACHED STORAGE AND LOCAL AREA NETWORK(LAN) STRUCTURED CABLING" effective after Three (3) calendar days from receipt of this Notice to Proceed. Upon receipt of this notice, you are responsible for performing the services under the terms and conditions of the Agreement and in accordance with the Implementation Schedule.

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. Keep one copy and return the other to Metals Industry Research and Development Center.

The Head of the Procuring Entity or his duly authorized representative shall issue the Notice to Proceed within seven (7) calendar days from the date of the approval of the contract.

Tel. Nos.: (02) 8837-0431 to 38

Email Add: mirdc@mirdc.dost.gov.ph

Fax Nos.: (02) 8837-0430



NOTICE OF AWARD

June 17, 2021

KAZANDRA MAE G. GARCIA Sales Manager TIERRA NETWORKS TECHNOLOGIES, INC. 10F Antel Global Corporate Center #3 Julia Vargas Ave.. Ortigas Center, Pasig City

You are advised that the Purchase Order for the "PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY AND INSTALLATION OF SERVER OPERATING SYSTEM, NETWORK SWITCH, NETWORK ATTACHED STORAGE AND LOCAL AREA NETWORK(LAN) STRUCTURED CABLING" of the Metals Industry Research and Development Center has been awarded to your firm in the amount of Two Million Six Hundred Seventy Thousand Pesos only (PhP2,670,000.00), subject to the approval of the concerned authorities.

You are therefore requested to accept the award in writing within ten (10) calendar days from receipt hereof and post a performance security according to the following schedule:

- a. Cash, Manager's check or Cashier's check 5% of the total contract price;
- b. Bank Guarantee/ Draft/ Irrevocable Letter of Credit 5% of the total contract price;
- c. Surety Bond, callable on demand, valid for one year, issued by the Office of the Insurance Commissioner, or any combination thereof - 30% of the total contract price.

Thank you.

Very truly yours,

ROBERT O. DIZON

Executive Director mg

Fax Nos.: (02) 8837-0430 Email Add: mirdc@mirdc.dost.gov.ph

Tel. Nos.: (02) 8837-0431 to 38

BAC RESOLUTION DECLARING NOTICE OF AWARD AND RECOMMENDING FOR APPROVAL

RESOLUTION NO. 2021-0004

Project "ONE (1) LOT SUPPLY, DELIVERY AND INSTALLATION OF SERVER OPERATING SYSTEM, NETWORK SWITCH, NETWORK ATTACHED STORAGE AND LOCAL AREA NETWORK(LAN) STRUCTURED CABLING"

Approved Budget for the Contract (ABC): Php2,670,200.00

Pre-procurement Conference: May 4, 2021; 1PM

Pre-bid Conference: May 14, 2021; 9AM

Opening of Bids: May 27, 2021; 9AM

Whereas, the Metals Industry Research and Development Center (MIRDC) posted the Invitation to Bid for the above project on May 7, 2021 in the Philippine Government Electronic Procurement System (PhilGEPS), Metals Industry Research and Development Center (MIRDC) websites and conspicuous places at the premises of the DOST Bicutan, Taguig City continuously for 20 days;

Whereas, a pre-bid conference was conducted on May 14, 2021, 9:00 am. It was attended by the following bidders: INTEGRATED COMPUTER SALES TECHNOLOGY SOLUTIONS, AGD INFOTECH, AMERICAN TECHNOLOGIES, INC. and TIERRA NETWORKS TECHNOLOGIES INC.;

Whereas, in response to the said invitation, only TIERRA NETWORKS TECHNOLOGIES INC. signified its intention to join the bidding and subsequently purchased the bidding documents;

Whereas, the opening of bids was held on May 27,2021, 9:00am at the MIRDC Mercury Conference Room, 3rd Floor, Gold Building, MIRDC Compound, Gen. Santos Ave., Bicutan, Taguig City. It was conducted in a mixed platform, physically and by video conferencing (zoom);

Whereas, the lone bidder, TIERRA NETWORKS TECHNOLOGIES INC. passed the requirements on the eligibility and technical proposals having complied and submitted all the required documents. Hence, the BAC proceeded to open their financial proposals;

Whereas, the bid offer of TIERRA NETWORKS TECHNOLOGIES INC. was read as PhP2,670,000.00;

Whereas, TIERRA NETWORKS TECHNOLOGIES INC. being the single calculated bid, was scheduled for post-qualification;

Whereas, after verifying, validating and ascertaining its documents, TIERRA NETWORKS TECHNOLOGIES INC. passed all the criteria for post-qualification;

Whereas, Sec 36 (a) of the 2016 Revised Implementing Rules and Regulations of RA 9184 states:

"A Single Calculated and Responsive Bid (SCRB) shall be considered for award if...

a) If after advertisement, only one prospective bidder applies for eligibility check, in accordance with the provisions of this IRR, and it meets the eligibility requirements or criteria, after which it submits a bid which is found to be responsive to the bidding requirements;

Now, therefore, The BAC hereby RESOLVED, as it is hereby RESOLVED, pursuant to Section 36 (a) of R.A. 9184, to declare TIERRA NETWORKS TECHNOLOGIES INC. as the Single Calculated and Responsive Bidder (SCRB) and to recommend to HOPE that the contract for the "ONE (1) LOT SUPPLY, DELIVERY AND INSTALLATION OF SERVER OPERATING SYSTEM, NETWORK SWITCH, NETWORK ATTACHED STORAGE AND LOCAL AREA NETWORK(LAN) STRUCTURED CABLING" be awarded to TIERRA NETWORKS TECHNOLOGIES INC. at its submitted/ calculated bid price.

SIGNED in Bicutan, Taguig City this 15th day of June 2021

Digitally signed by Abutal Mercedita

Wolfson

Date: 2021.06.21

MERCEDITA G. ABUTAL

BAC Chair

Catalan Gina Agustin

Date: 2021.06.17 11:21:55
+08'00'

GINA A. CATALAN

BAC Member

ISIDRÓ D. MILLO

BAC Member

Digitally signed by Casila Eric Benolirao

ERIC B. 6345 1094

TWG Member

Thazeloty

Digitally signed by Veluz Trixie Hazel Cagayan Date: 2021.06.15 12:56:40 +08'00'

ATTY. TRIXIE HAZEL C. VELUZ

BAC Vice Chair

ROMMEL N. COROÑA

BAC Member

TWG Member

Approved () / Disapproved ()

ROBERT O. DIZON Executive Director

Approved on