

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER 0 2 2021

Gen. Santos Avenue, Bicutan, Taguig City Tel. nos. 837-0431 to 38; Fax: 837-0430

TIN# 000-284-708

1.04 MGO/

VO GREDZIN

-	UK	LHASI	URDER			1	the same of the sa
Su	oplier.	JNOTROI	VIX, INC.		P.O. No.:	21-06-	-0366
Add	dress	/F Filipino	Building, 135 Dela Rosa Street Legaspi V	illage, Makati City	Date:	29-Ju	in-21
el N	o.: F	hilippines			P.R. No.:	2105	0432
TIN	1 .		006-324-481-000			10-Ma	
-	ntlem	on:			Date:		-,
			is Office the fellowing a tiple of the state of	on when the same a second second			
DIs.	riease	dEIC/Mac	is Office the following articles subject to the hinery and Equipment Outlay	e terms and conditions	contained h	erein:	4040
			Ab colondar days after reseive of National		Delivery Te	41114	ARNP
Dat	e of D	elivery:	45 calendar days after receipt of Notice	ce to Proceed	Payment To	erm LDDAI	
Mod	de of F	rocuremer	Public Bidding			VALI	VCLUSIVE
Iter	n No.	Unit	Description		Quantity	Unit Cost	Amount
1		UNITS	PROCUREMENT OF SOLIDIFICATION SO	FTWARE	2 4	97,250.00	994,500.00
			Item	Technical	Two	REMARKS	<u> </u>
			4	Specifications/ Requirement			
	A. P	ova Flo	w & Solid — Gravity	Included	- Land	Comply.	
		Main Fu	nctions:			Comply	
			format STEP and STI-	Included	 	Comply	
			nesh technology	Included		Comply	
					-		
		B. Coatin		Included		Comply	
		4. Choke		Included		Comply	
		5. Comp		Included		Comply	
		5. Flow		Included		Comply	
		7. Flowin		Included		Comply	
			particles	Included		Comply	
			al cycling	Included		Comply	
	-		g channels	Included		Comply	
	-		spraying	Included		Comply	
			(atmospheric)	Included		Comply	
		13. Sque	eze pins	Included		Comply	\dashv
9			elt material chills	Included		Comply	
			or elements	Included		Comply	
			neter optimization	Included		Comply	
			mum calculation cores: Unlimited	Included		Comply	
			num mesh amount: Unlimited	Included	and the second	Comply	
		settin	igs module for setting default gs	Included		Comply	
			ty casting method — Pressure t method	Included		Comply	
1				1	Hotelen		
(Tota	al Amo	unt in Wor	ds) 1 of 9				
-	The same of the sa		•				
for e	very d	ay of delay	to make the full delivery within the time sp shall be imposed.	ecified above, a penalty	of one-tenth	ı (1/10) of on	e percent
				Very t	ruly yours,		
~6			4		1mi		
_onr	orme:				BERT O. DIZ		
٢	Day	id TR	amos Jr.	Exec	utive Directo	r	
CONTRACTOR OF THE PARTY OF	and the second of the second	CHARLES AND ADDRESS OF THE PARTY OF THE PART	Name of Supplier	Aut	norized Officia	al	
		Date	<u>+1</u> 41 *1				
und	s Avail	able:					
	JOHN	INA CL GA					
	A	ccountant	IV	ALOBS No.	-30HOxL	710 L AZA.	-112062
to to the language from	(Chief Accou	intant	Amount: 15			1000
-				- Fillowith	994.TV	U ~	21-06-0266



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

MGO/

PURCHASE ORDER

Supplier	/F Filining	Building 135 Data Paga Chroat Lagar	551 17Hz == 1		P.O. No.:	21-06	-0366
Address:		Building, 135 Dela Rosa Street Legas	ipi village, i	Makati City	Date:	29-Ju	ın-21
	Timppines	404-004-404-404			P.R. No.:	2105	0432
TIN :		006-324-481-000			Date:	10-Ma	ay-21
Gentleme							
Please	furnish th	is Office the following articles subject hinery and Equipment Outlay	to the term:	s and conditions	s contained h	erein:	
		ninery and Equipment Outlay			Delivery Te	erm: 45 CD	ARNP
Date of De	elivery:	45 calendar days after receipt of I	lotice to Pi	roceed	Payment T		,
Mode of P	rocuremer	Public Bidding			VAT INCLUSIVE		
Item No.	Unit	Description	n		Quantity	Unit Cost	Amount
1	1	PROCUREMENT OF SOLIDIFICATION	N SOFTWAR	RE	2 4	97,250.00	994,500.00
	dvanced		Included		Con	ply.	
adva	inced)	ouring ladle method (basic +	Included		Con	ply	
(r method	Included		Com	ply	
		tings menu	Included		Com	ply.	
25. S	olver O (q	uasi equilibrium model)	Included		Com	ply	
26. 9	olver 1 (non-equilibrium model)	Included		Com	ply	
27. 1	lova Sho alculatio	module (HPD pre- ns)	Included		Com	ply	
28.	Browser	nodule	Included	I	Con	ply	
29.	Convection	on	Included	ı	Con		
30.	Gas calcu	lation	Included	I	Con		
31.	Turbulen	ce factor	Included	l	Con		
32.	Only 3D į	mport, Simulation Setup, Flow & Solid and	Included	1.	Cozz		
	Database change a	Browser Module module in order to add and	Included	l	Con	iply	
		database	Included	1	Con	-1	
	Extra mo NovaStre and Setti	dules: Solid, Flow, Quick flow, 55, Good Guy's Index, Calibrate ngs	Included		Con		
36.	Result fie	lds:	Must inc		Con	ply	
			a. Tempe				
			b. Tempe Gradi		Con	ply	
			c. Air entr		Con	ply	
			d. Liquid	phase	Con		
(Total Amor	unt in Wor	ds) 2 of 9			1		
In case	of failure t	to make the full delivery within the time shall be imposed.	e specified a			(1/10) of on	e percent
2 7	10251	•		ACI À L	ruly yours,		
Conforme:	e bo	mos (c.			BERT O. DIZ cutive Directo	2 2 2 2	
David				Auti	horized Officia	al	
Signature of		Name of Supplier			1		
F	Date						
	ccountant I			ALOBS No. 0	-36K0.1	0,01,03	115065
And the Party of the Control of the	hief Accou	Market Company		AMOUNT:	994.TN) -	
				,	V06	New P.O. No.	21-06-0366



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

OPPOSITE TO			100000	1	The same	DISPATION.	STREET, STREET,
	Shap I	1/0 000	III DOD	10 10	12.07	B B	10mm 10.39
	B.O.			W. J	MAK.	11. 10	ER

Supplier:	5/E Ellinin	O Duilding 125 Dala Daw Street			P.C). No.:	2:	1-06-0	366
	Philippine:	o Building, 135 Dela Rosa Street Legas	spi village,	Makati City	Da	te:	2	9-Jun	-21
Tel No.:	Prinippine			0	P.R	. No.:	2	210504	32
TIN :		006-324-481-000			Da			0-Мау	-21
Gentleme	en:				1 20				
Please	furnish thi	s Office the following articles subject to	n the terms	and conditions	cont	ainad h	oroin:		
Place of D	METC/Ma	s Office the following articles subject to chinery and Equipment Outlay	o the terms	dia condidons	Dal	ivery Te	4	5 CD A	RNP
Date of De		45 calendar days after receipt of I	Notice to F	roceed	100	TVCTY TC	.1111.	DDAP	
THE RESIDENCE OF THE PROPERTY OF THE PARTY O	rocuremen				Pay	ment To	CIIII		LUSIVE
Item No.	Unit	Description			011	antity	Unit Co		
					1 00	ariercy	Offic Co	51	Amount
1	ONTIS	PROCUREMENT OF SOLIDIFICATION	N SOFTWA	RE		2	497,250.	00	994,500.00
			e. Velo	city	1	С	omply	1	
			f. Geom	netrical			omply	\dashv	
			mod	dulus and				- Commenter	
				nkage					
			g. Flow		-		omply		
-				particles fication time	-		omply		
					\vdash		omply		
			j. Fill ti				omply		
				ontact time	_		omply.		
		4		contact time			omply	Ш	
		6.	m. Thei	rmal modulus		C	ombly.		
			n. Hot s	-		C	omply.		
			o. Warr	ming up time		C	omply.		
			p. Niva				ombly.		
				ubbles and	- 1	C	omply.		
			bub trac		3			and the same of th	
	Spe	ecial Functionality:	Include		+	-	omply	-H	
1. L		ure die casting	Include		+		omply	-H	
			eidae			9	Janapa Iy		
	ilt casting		Include	d		C	omply	\dashv	
3. C	entrifuga	l casting	Include	d		C	mply	\dashv	
4. F	ilter func	tion — foam or pressed, virtual	Include	d	Ť	C	onaply	-li	
ľ	(foam fil	er group)			and the same of th		-congrey	- 11	
		tion — real (imported solid	Include	d	+	C	mply		
		ect dimension)						11	
0. 6	xotherm	c power function	Include	d	-	C	amply.	П	
7. E	xotherm	c function	Included	d	+	C	mply.	-H	
		ves group)							
-	uto-simu		Included	d		C	mply		
9. Es	stimation	of volume	Included	d		Co	mply	\dashv	
(Total Amou	unt in Word	ds) 3 of 9				~			
The state of the s	WINDOWS OF THE PARTY OF THE PAR			1					
for every da	or railure to	to make the full delivery within the time shall be imposed.	specified a	bove, a penalty	of or	e-tenth	(1/10) of	f one pe	ercent
ioi every de	ay or uciay	shan be imposed.		• •	/				
		×		Very tr	uly/y	ours,			
Conforme:	1			RO	BER	70. DI	ZON		
100	Myn			Exe	egutiv	re Direct	tor		
Davie	0 114	amos Jr.				- Commence of the Commence of	-	-	
Signature of	ver Printed	Name of Supplier		Auti	VIIZE	d Officia	31		-
		7/11/7							I
CONTRACTOR OF THE PARTY OF THE	Date 1								
unds Availa	able:	(Legal Str.)			-				
JOH	Accountant	UINGCO						85 PF	10 - 0
	CHARLEST CONTRACTOR CO			ALOBS No.	6-3	10x (e0)	-2121	- 07-	W162
С	hief Accou	ntant		Amount: 🕈	01	94.5	n-		
	3					L	PO	No. Z	1-06-0366
					\	John	62 Vn	1	



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

MGO/

PURCHASE ORDER

		5/E Ellinic	o Puilding 12F Dala Base Chart I			P.O.	No.:	21-0	6-0366		
	dress:	Philippine	no Building, 135 Dela Rosa Street Lega	ispi village,	макаті Сіту	Dat	e:	29-3	Jun-21		
		Prinippine		P.R.	No.:	210	50432				
TI	-		006-324-481-000			Dat	e:	10-1	1ay-21		
	entleme		17								
	Please	furnish thi	s Office the following articles subject to achinery and Equipment Outlay	the terms	and condition:	s conta	ined h	erein:			
			de colondo de control Outray			Deli	very Te	erm: 45 C	DARNP		
Contract of the last of the la	A STATE OF THE STA	elivery:	45 calendar days after receipt of Public Bidding	Notice to P	roceed	Payr	nent T	erm LDD	() 		
		rocuremen	IL.					VAT	INCLUSIVE		
ite	m No.	Unit	Description			Qua	antity	Unit Cost	Amount		
1	1	1	PROCUREMENT OF SOLIDIFICATION	N SOFTWA	RE	no excessions	2	497,250.00	994,500.00		
			ting simulation	Included	di .		Co	mply			
			ature Distribution	Included	k		Co	mply			
	1.		MetStar database connection calibration)	Included	ž		Co	mply			
		Bı	owser Functionality:	Included	ı	\top	Co	mply			
	1.	Create au	to-report	Included	I	\Box	Co	mply			
	2.	Create m	ovies	Included	ſ		Co	mply			
	3.	Auto-ger	nerate movies	Included	l		Co	mply			
	4	Create r	nulti window movie	Include	d	\top	Co	mply			
	5	Create r	nulti simulation movie	Include	d		Co	mply			
	6	Create pi	cture	Include	d	+	Co	mply			
	7		g of results in 2D, 3D and rency mode	Include	d		Co	mply			
	8	User fiel	d	Include	d	T	Co	mply			
	B. No	ova Flow	&Solid — HPD	Include	d	H^-	Co	mply			
	N	lain Fund	tions:	Include	d	$\dagger \dagger$		mply			
	1	, Import f	ormat STEP and STI-	Included	4	++-	Co	mply			
	2	Multi m	esh technology	Included	1	H		mply			
	3.	Feeding	point technology for shrinkage on	Included		$\dagger \dagger$	Co	nply			
	4.	Feeding	pressure value setting (3 rd phase)	Included		+	Con	nply			
	5.	Die coati	ng	Included		H		nply			
	6.	I-IPD-filli	ng - Total filling time	Included		H	Con	nply			
	7.	I-IPD filli	ng - Time (flow versus time)	Included	W 441	H	Con	nply			
	8.	HPD fi	ling — Trigger (flow versus	Included			Cor	nply			
T	9.		g - Trigger + filling time	Included		+-	Cor	nply			
T	10	. I-IPD fil	ing with chamber (virtual)	Included		H		nply			
(Tot		unt in Word			AMERICAN CONTRACTOR OF THE CON	11		P-3			
NAME AND ADDRESS OF	and the local division in which the										
for e	every da	ay of delay	to make the full delivery within the time shall be imposed.	specified al		y of on truly y		1 (1/10) of on	e percent		
Con	Conforme: ROBERT ONDIZON										
	ayig	D 12	amos Ic.			Executiv					
NAME AND ADDRESS OF	DAYS CHOCKEDS		Name of Supplier		Aut	thorized	Officia	al			
		Date	7/21/21			1					
func	ls Avail	STREET, STREET									
	JOI	HNNY G.							- 10 - 0		
-		Accountant		-		16-31	& Ceol	-201-0	7-10062		
		Chief Accou	ntant		Amount:	r go	T.YI	N-			
					,	1	bus	lenzin P.O. No.	21-06-0366		



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

0 38; Fax: 837-0430 MGO/

PURCHASE ORDER

Chief Accountant

Sur	plier:	UNOTRO	ONIX, INC.			20.11	21-0	6-0366		
	iress:	5/F Filipir	no Building, 135 Dela Rosa Street Lega	spi Village,	Makati City	P.O. No.:		un-21		
	No.:	Philippine	5			Date: P.R. No.:	3.774.073 I.T.	50432		
TIN	:		006-324-481-000			Date:		lay-21		
_	ntleme	n:				Date.				
F	Please	furnish thi	is Office the following articles subject to	the terms	and conditions	contained b	nerein:			
Plac	e of D	MEIC/Ma	is Office the following articles subject to achinery and Equipment Outlay		und conditions	Delivery T	erm: 45 C	DARNP		
Date	a of De	divon.	45 calendar days after receipt of	Notice to P	roceed	Payment 7	The second liverage of	AP		
Mod	le of P	rocuremer	Public Bidding				VAT	INCLUSIVE		
Iten	n No.	Unit	Description			Quantity	Unit Cost	Amount		
100	1		PROCUREMENT OF SOLIDIFICATION	N SOFTWA	RE	2	497,250.00	994,500.00		
-			movement calculation	Included			Comply			
-	12	. Instant	pour for hot chamber	Included			Comply			
4	13	. Parame	ter optimization	Included			Comply			
_	14	4. Flow co	olor	Included			Comply			
	1	. Flowm	eter	Included			Comply			
	1	5. Tracer	particles	Included			Comply			
	1	7. Therm	al cycling	Included		1	Comply			
-	1	3. Cooling	channels	Included		1	Comply			
-	1	. Mold s	praying	Included			Comply			
-	20). Vents (atmospheric)	Included			Comply			
-	21	. Vacuur	vents (compressor)	Included			Comply			
-	22	2. Squeez	e pins	included		The state of the s	Comply			
-			nelt material chills	Included			Comply			
-			Elements	Included			Comply			
_			um calculation cores: Unlimited	Included			Comply			
-			m mesh amount: Unlimited							
-			tion of solidification shrinkage	Included			Comply			
-			se module in order to add and	Included			Comply			
	20	change		Included			Comply			
	29	Settings settings	s module for setting default	Included		* Language Community Commu	Comply			
	30). Solver	O (quasi equilibrium model)	Included			Comply			
			1 (non-equilibrium model)	Included			Comply			
	32	l. Nova	Shot module (HPD pre-	Included			Comply			
Tota	I Amou	unt in Wor				***				
and the same of	-		to make the full delivery within the time	specified a	novo a nonalhi		h (4 (4 0) - 6			
or e	very da	y of delay	shall be imposed.	specified at	bove, a penalty	or one-tent	n (1/10) or one	e percent		
	Very truly yours,									
onfo	orme:		*		.70	BERTO.	TZON			
		1 140	(= = - (-			ecutive Dire				
Do	ayid	Y DK	lamos Jr.		Auth	orized Offic	ial			
Signa	ture ov	er Printed	Name of Supplier		7 100 07 1	/200 01110				
		Date .				· 6.				
und										
	JOH	Accountant	QUINGCO		MORCH- hi	- 2166-	1 2.01 03	L. 10001 7		
on the latest trans	-			1	ALOBS No. 1	1-3000	J-W4-V7	~ V 11 () D (0 L		

Amount: 5

JO Cerres 2000 P.O. No.

21-06-0366



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

			CE			TO
ru	KL	$\cap A$	SE	U	KL	DER

	HINOTOO	RITY TRIC					
Supplier:	5/F Filining	NIX, INC. D Building, 135 Dela Rosa Street Legas	ni Milago Makati Cita	P.C). No.:		5-0366
Address:	Philippines	building, 155 Dela Rosa Street Legas	pi village, Makati City	Da	te:		un-21
	Timppines	006-324-481-000		P.R	l. No.:		50432
TIN :		000-324-481-000		Da	te:	10-M	lay-21
Gentleme				(4			
Please	furnish this	Office the following articles subject to chinery and Equipment Outlay	the terms and conditions	cont	ained h	erein:	Laboratoria de la constitución d
Place of D	elivery:	45 calendar days after receipt at		Del	ivery Te		DARNP
Date of D	elivery:	45 calendar days after receipt of N	lotice to Proceed	Pay	ment T	erm LDDA	
Item No.	rocurement	Public Bidding		_			INCLUSIVE
mem no.	Unit	Description		Qu	antity	Unit Cost	Amount
1	-	PROCUREMENT OF SOLIDIFICATION	N SOFTWARE		2	497,250.00	994,500.00
	-	er module (full functionality)	Included			Comply	
	34. Nova modu	Stress connection (optional e)	Included			Comply	
3	5. Only 3 Flow 8	D import, Simulation Setup, Solid and Browser module	Included			Comply	
3	1	al database	Included	-		Comply	
	7. Result	fields:	Must include:	-	-	Comply	
			a. Temperature			Comply	
-			b. Liquid Phase		 	Comply	
			c. Velocity		 	Comply	
-			d. Pressure and			Comply	
			e. shrinkage			Comply	
			 				
			f. Flow color		1	Comply	360
			g. Temperature Gradient		(omply	
			h. Air entrapment			omply	
			i. Slag partic	es	(omply	
		,	j. Solidification time			omply	
			k. Fill time	-		omply	
-			I. Air contact time			comply	
			m. Wall contact time			omply	
			n. Thermal modulus	1		omply	
			o. Geometrical	1		Comply	
			modulus				
			p. Hot spot		4	comply	
			q. Warming up time			Comply	
			r. Nixama		4	Comply	
			s. Bubbles and bubbl	≘	9	Comply	
(Total Amo	unt in Word	(s) 6 of 9	tracers				
THE RESERVE AND ADDRESS OF THE PARTY OF THE			anasified above a secoli				
for every da	av of delav	make the full delivery within the time shall be imposed.	specified above, a penalty	OT O	ne-tentr	(1/10) of one	e percent
•			Very to	ruly	ours		
				1	3 - 1		
Conforme:	te		R	OBER	ve Direc	IZON	
Dayid	Par	nos Jr.	******				
Signature o	ver Printed	Name of Supplier	Auth	norize	d Officia	al	
3		7/N/M		1			
	Date						
unds Avail	able:	ITALCCO		-	-		
- JOI	INNY G. QI	TI/					
	Accountant		ALOBS No	-30	fleot	2021 07	10067
	Chief Accour	Itdilt	Amount:	94	SA	***	. , , , , , , , , , , , , , , , , , , ,
			1		1 -1	P.O. No.	21-06-0366
				1-0	ler60:	2000	



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

MGO/

FOR	HINATO	ONIX, INC.				
Supplier:	5/F Ellinia	no Building 12E Dais Dass Cleart		P.O. No.:		-0366
\ddress:	Philippine	no Building, 135 Dela Rosa Street L	egaspi village, Makati City	Date:	29-J	un-21
	Timppine	006-324-481-000	91	P.R. No.:		0432
IN :		000-324-481-000		Date:	10-M	ay-21
ientleme Please		is Office the following articles subjections achinery and Equipment Outlay	ct to the terms and condition	s contained he	erein:	
		achinery and Equipment Outlay		Delivery Te	rm: 45 CE	ARNP
ate of De		45 calendar days after receipt or. Public Bidding	of Notice to Proceed	Payment Te		
	rocuremer	III.			VATI	NCLUSIVE
em No.	Unit	Descript	tion	Quantity	Unit Cost	Amount
1	UNIT unctiona	PROCUREMENT OF SOLIDIFICA Ity for other methods:	TION SOFTWARE	2 Com	497,250.00	994,500.00
	Gravit	casting filling (Lip pouring,	Included	Com		
2.		ssure die casting	Included	Com	ply	
3.	Tilt Cast	ing	Included	Com	ply	
4.	Lost wax	casting	Included	Com	olv	
5.	Centrifu	gal Casting	Included	Com	-	
		ction — foam	Included	Com	-	
7.	Exotherr	nic powder function	Included	Com	<u> </u>	
8.		ation, Flow, low, Good Guy's Index, Settings	Included	Comp	bly	
9.	ATAS !	MetStar connection (in e)	Included	Comp	ly	
В	owser F	unctionality:	Included	Comp	dy	
l.	Create au	to-report	Included	Comp	ly	
2.	Create m	ovies	Included	Comp	dy	
3.	Auto-gen	erate movies	Included	Comp	ly	
4.	Create m	ulti window movie	Included	Comp	ly	
5.	Create m	ulti simulation movie	Included	Comp	ly	
6.	Create pi	cture	Included	Comp	ly	
7.	transpar	of results in 2D, 3D and ency mode	Included	Comp	ly	
	User field		Included	Comp	ly	
Other	5		Included			

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed. Very truly yours, ROBERT O, DIZON Executive Director Conforme:

7 of 9

Ramos David Signature over Printed Name of Supplier

Funds Available:
JOHNNY G. QUINGCO
Accountant IV

Chief Accountant

Date

(Total Amount in Words)

ALOBS NO. 06-34 (ex)-201-67-10002 Amount:

Authorized Official

J86060200



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

PUR	CHA	SE	OF	RD	ER	
·unnliers	UNO	TRO	NIX.	IN	C.	-

Supplier:	E/E Ellister	Duildian	· 			P.O. No.:	21-(JO-U300
			135 Dela Rosa Stre	et Legaspi Villag	je, makati City	Date:	29-	Jun-21
	Philippines		-101-000	9		P.R. No.:		050432
TIN :		000-324	-481-000		Date:	10-	May-21	
Gentleme								
Please	furnish this	Office the	following articles s	ubject to the ter	ms and condition	ons contained h	erein:	
Place of D	elivery:	Cimiery an	ia Edaibilieur Oati	ldy		Delivery Te		CD ARNP
Date of De	elivery:	45 calen	dar days after rec	eipt of Notice t	o Proceed	Payment T		
Mode of P	rocurement	. Public bi	uung				VAI	INCLUSIVE
Item No.	Unit		Des	cription	= 151	Quantity	Unit Cost	Amount
Warrant	y/Support		period/term maintenance support,	or for the wh such as but no e, technical through tion media, e	ole license of limited to application available		omply	94,500.00
			b. Provide softs	ware update, i	f necessary;	Co	mply	
,			c. Allow MIRD to commun Technical S software)	C and NE-US nicate directly upport (i.e., n	with the	Co	mply	
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Conforme:	v to		L			ROBERT O. D Executive Direct	IZON ctor	
David	V .	amos	71.		A	uthorized Offici	al	
Signature ò	Date 1	Name of \$	upplier					
unds Availa JOF	able: INNY G. Q Accountant	UINGCO			ALORS NO	Ole-314 (OL)	201 5	100012
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METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

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

PUR		ORDE		1111# 000	201700			
Supplier:		DNIX, INC				P.O. No.:	21-06	-0366
Address:			135 Dela Rosa Street Lega	ispi Village, Mal	cati City	Date:	29-Ju	ın-21
Tel No.:	Philippine					P.R. No.:	2105	0432
TIN :		006-324	-481-000			Date:	10-M	ay-21
Gentleme		-1						
Please	furnish this	Office the	following articles subject to ad Equipment Outlay	the terms and	conditions	contained he	erein:	
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Date of D	elivery: Procurement	The second secon	ddina	Notice to Proc	eea	Payment Te		P NCLUSIVE
Item No.	Unit	ι	Description			Quantity	Unit Cost	
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1	UNII	S PROCURI	EMENT OF SOLIDIFICATIO	N SOFTWARE		2	497,250.00	994,500.00
Deliver	y, installati	on,						\dashv
commis	sioning an	d	Included	Con	nply		omply	
compre	hensive tr	aining to			, ,	1.1	Contract with	
	MIRDC, B						EUST)	
	City, Metro	Manila,						
Philippi								
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(Total Amo	unt in Word	4.5\	0 20				1% RF	(9,945.00)
-			9 of 9				=P=	931,278.68
for every d	ay of delay	shall be imp	full delivery within the time osed.	specified above		of one-tenth	(1/10) of one	percent
Conforme:	- In					ROBERTON		
David	of 11Ro	amos .	Jr.		-	executive Dire		
Management of Assessment of the State of the		Name of Su	nnlier		Aut	horized Officia	al	
3		7/n/	Harris III			I		
-	Date							
Funds Avail	able:	MINICO						
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CONTRACT AGREEMENT

THIS AGREEMENT made the 28th day of June 2021 between **METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER** of the Philippines (hereinafter called "the Entity") of the one part and **UNOTRONIX INC.** of Makati City, Philippines (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly **Procurement of TWO UNITS SOLIDIFICATION SOFTWARE** and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of **Nine Hundred Ninety Four Thousand Five Hundred Pesos only (PhP994,500.00)**, (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);
 - Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - v. 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 execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

of or

And Share

- 3. In consideration for the sum of Nine Hundred Ninety Four Thousand Five Hundred Pesos only (PhP994,500.00),or such other sums as may be ascertained, UNOTRONIX, INC. agrees to deliver TWO UNITS SOLIDIFICATION SOFTWARE in accordance with his/her/its Bid.
- 4. 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 AGUSTINM. PUDOLIG

Binding Signature of Supplier:

DAVID M. RAMOS JR. Senior Sales and Applications Engineer JORDAN MARC T. JORDAN

Certified Funds Available

JOHNNY G OUINGCO
Accountant IV

ACKNOWLEDGMENT

CITY OFCTY OF '			
Before me, a Notary Public for and in the			
NAME	I.D. NO.	DATE/PLACE ISSUED	
ROBERT O. DIZON	P4453911B	DFA, NCR East/Jan. 20, 2020	
DAVID M. RAMOS JR.	Driver's License A07-95-020257	LTO, QUEZON CITY / Dec. 2018	7,

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. //;
Page No. //;
Page No. //;
Series of 2021.

DEDUDU IO OF THE DULL IDDN IDO

NOTARY PUBLIC CITY OF MANILA

UNTIL DECEMBER 31, 2021

NOTARVAL COMMISSION 2020-097 MLA

IBP NO. 141253 - 01/04/2021, PASIG

PTR NO. 9826143 - 01/05/2021 MILA

MCLE COMPL. NO. VII-0000165
URBAN DECA HOMES MANILA, B-2, UNIT 358



NOTICE TO PROCEED

June 28, 2021

MR. DAVID M. RAMOS JR.
Senior Sales and Applications Engineer
UNOTRONIX, INC.
5/F Filipino Bldg., Dela Rosa St.,
Legaspi Village, Makati City

Dear Mr. Ramos,

The attached Contract Agreement having been approved, notice is hereby given to **UNOTRONIX**, **INC.** that work may proceed on the project for the "**PROCUREMENT OF TWO UNITS SOLIDIFICATION SOFTWARE**" 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.

Very truly yours,	
ROBERT O. DIZON	
Executive Director	
1/21/201	
I acknowledge receipt of this Notice on	(date of receipt)
Name of Bidder's Representative: David Rams Jr.	· · · · · · · · · · · · · · · · · · ·
Authorized Signature:	-
The Head of the Procuring Entity or his duly authorized representative shall issue the Not calendar days from the date of the approval of the contract.	ice to Proceed within seven (7)

Tel. Nos.:(02) 837-0431- 38; 837-2071 to 82

Fax Nos.: (02) 837-0430; (02) 837-0613

Postal Address: MIRDC Compound, Gen. Santos Avenue, Bicutan Taguig City, 1631

Metro Manila, P.O. Box 2449 MCPO 1299 Makati City, Philippines

: www.mirdc.dost.gov.ph

Website



NOTICE OF AWARD

June 24, 2021

MR. DAVID M. RAMOS JR.
Senior Sales and Applications Engineer
UNOTRONIX, INC.
5/F Filipino Bldg., Dela Rosa St.,
Legaspi Village, Makati City

Dear Mr. Ramos:

You are advised that the Purchase Order for the "PROCUREMENT OF TWO UNITS SOLIDIFICATION SOFTWARE" of the Metals Industry Research and Development Center has been awarded to your firm in the amount of Nine Hundred Ninety Four Thousand Five Hundred Pesos only (Php994,500.00) 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.

21

Very truly yours,

David

ROBERT ODIZON
Executive Director mg

Postal Address: MIRDC Compound, Gen. Santos Avenue, Bicutan Taguig City, 1631 Metro Manila, P.O. Box 2449 MCPO 1299 Makati City, Philippines

Tel. Nos.:(02) 837-0431- 38; 837-2071 to 82 Fax Nos.: (02) 837-0430; (02) 837-0613



NOTICE OF AWARD

June 24, 2021

MR. DAVID M. RAMOS JR.
Senior Sales and Applications Engineer
UNOTRONIX, INC.
5/F Filipino Bldg., Dela Rosa St.,
Legaspi Village, Makati City

CERTIFIED TRUE COPY

Dear Mr. Ramos:

You are advised that the Purchase Order for the "PROCUREMENT OF TWO UNITS SOLIDIFICATION SOFTWARE" of the Metals Industry Research and Development Center has been awarded to your firm in the amount of Nine Hundred Ninety Four Thousand Five Hundred Pesos only (Php994,500.00) 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

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 ODIZON

Executive Director mg

Postal Address: MIRDC Compound, Gen. Santos Avenue, Bicutan Taguig City, 1631 Metro Manila, P.O. Box 2449 MCPO 1299 Makati City, Philippines

Tel. Nos.:(02) 837-0431- 38; 837-2071 to 82 Fax Nos.: (02) 837-0430; (02) 837-0613

BAC RESOLUTION DECLARING NOTICE OF AWARD AND RECOMMENDING FOR APPROVAL

RESOLUTION NO. 2021-005

Project "PROCUREMENT OF TWO UNITS SOLIDIFICATION SOFTWARE"

Approved Budget for the Contract (ABC): Php1,000,000.00

Pre-procurement Conference: May 4, 2021; 1:00pm

Pre-bid Conference: May 18, 2021; 9:00am

Opening of Bids: May 31, 2021; 9AM

Whereas, the Metals Industry Research and Development Center (MIRDC) posted the Invitation to Bid for the above project on May 11,2021 in the Philippine Government Electronic Procurement System (PhilGEPS), Metals Industry Research and Development Center (MIRDC) website 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 18, 2021 and attended by the following bidders: ADPARAMETRIK, INC., UNOTRONIX INC. and SUPERCAST FOUNDRY AND MACHINERY CORP;

Whereas, in response to the invitation, both SUPERCAST FOUNDRY AND MACHINERY CORP. and UNOTRONIX INC. signified their intention to join the bidding and subsequently purchased the bidding documents;

Whereas, only UNOTRONIX INC. submitted its bid during the bid opening;

Whereas, the opening of bids was held on May 31, 2021 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 i.e physical and video conferencing (zoom);

Whereas, UNOTRONIX 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 UNOTRONIX INC. was read as Php 994,500.00.

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

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

Whereas, Scc 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 UNOTRONIX INC. as the Single Calculated and Responsive Bidder (LCRB) and to recommend to HOPE that the contract for the "PROCUREMENT OF TWO UNITS SOLIDIFICATION SOFTWARE" be awarded to UNOTRONIX INC., at its submitted/ calculated bid price.

SIGNED in Bicutan, Taguig City this 18th day of June 2021

Digitally signed by Abutal Mercedita

11:29:30 +08'00'

MERCEDITA G. ABUTAL

BAC Chair

GINAA. CATALAN

BACMomber

ISIDRO D. MILLO

BAC Member

LEMUEL N. APUSAGA

TWG Member

AGUSTIN M UDOLIG

Project Loader

RIXIE HAZEL C. VELUZ

BAC Vice Chair

BAC Member

MERVIN B. GOROSPE

TWG Member

TWG Member

Approved () / Disapproved ()

ROBERT ODIZON

Executive Director

Approved on