

RECEIVED

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

MIRDC

PURCHASE ORDER

Supplier: EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.

P.O. No.: 22-01-0017

Address: Unit 309 Armal Plaza Bldg., C. Raymundo Ave. Maybunga, Pasig City ;

Date: 31-Jan-22

Tel No.: lya:laynesa@egmsystems.com.ph ; 0968-879-3648

P.R. No.: 22010004

TIN : 008-855-293-000

Date: 29-Nov-21

Gentlemen:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: PROPERTY MANAGEMENT UNIT FOR ICT-PMU, MACHINERY AND EQUIPMENT OUTLAY

Delivery Term: 180 CD ARNP

Date of Delivery: 180 calendar days after receipt of Notice to Proceed

Payment Term: 15 DAYS/ LDDAP

Mode of Procurement: Public Bidding

VAT INCLUSIVE

Item No.	Unit lot	Description	Quantity	Unit Cost	Amount
1		ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER	1	2,395,300.00	2,395,300.00

IV. SCOPE OF WORK

- The proposed PACU system shall be designed to maintain temperature and humidity and shall be able to provide the required cooling based on the heat dissipation of the MIRDC data center.
- The PACU shall consist of one (1) unit with 2TR cooling capacity, floor mounted, with horizontal blow air delivery. The unit is to be supplied with 230 volts single-phase 60Hz electrical service.
- The supplier shall use hard copper pipes and other standard materials to ensure safe operation of the air conditioning unit
- The supplier shall provide all the necessary labor, tools, materials and technical supervision for the supply, delivery and installation of outdoor condensing unit of one (1) PACU.
- The supplier shall install the PACU in accordance with manufacturer's instructions. Install units plumb and level firmly anchored in locations indicated and maintain manufacturer's recommended clearance.
- The supplier shall ensure the safety of existing equipment in the data center as well as the safety of its project personnel/Engineer.

V. MAINTENANCE AND SUPPORT

- Three (3) Years on Equipment.
- All equipment shall be guaranteed by the winning bidder to be free from all defects in materials, design and workmanship. Any equipment or part thereof which shall prove defective within twelve (12) months after placing the unit into operation shall be replaced or repaired with all the expenses, including transportation, local taxes and duties, local handling, and labor to be borne by the same.
- Three (3) years Preventive Maintenance (PM) include the following:
 - All equipment supplied (such as Precision Air Conditioning Unit and mechanical/electrical installations & all requested accessories) shall undergo semi-annual preventive maintenance to ensure proper operation. All contract work shall be performed by the manufacturer's factory trained service personnel.
 - Schedule of quarterly preventive maintenance check-up shall be rendered during regular business hours which are from 8:00 AM to 5:00 PM Monday to Friday without down time.
 - Response time within two (2) hours from receipt of notice.
 - Provide 24x7 technical support including holidays (unlimited phone and email customers service assistance on-call/on-site support).
- VI. TRAINING / KNOWLEDGE TRANSFER
 - Basic knowledge to cover the administration, operation and maintenance of PACU and fire suppression system.
 - Provide technical training from a certified engineer for at least 8 hours at MIRDC.
 - Number of participants: at least five (5) participants

(Total Amount in Words)

1 of 6

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.

Conforme:

Very truly yours,

ROBERTO DIZON
Executive Director

Authorized Official

ROSELYN D. MAY 02-08-22

Signature over Printed Name of Supplier

Date

 Funds Available:
JOHNNY G. QUINGCO

Accountant IV

Chief Accountant

 ALOBS No. 06-01111-2022-02-000040
Amount: ₱ 2,395,300-

P.O. No. 06050503

22-01-0017



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

PURCHASE ORDERSupplier: **EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.**

Address: Unit 309 Armat Plaza Bldg., C. Raymundo Ave. Maybunga, Pasig City;

Tel No.: lya.laynesa@egmsystems.com.ph ; 0968-879-3648

TIN : **008-855-293-000**P.O. No.: **22-01-0017**Date: **31-Jan-22**P.R. No.: **22010004**Date: **29-Nov-21**

Gentlemen:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **PROPERTY MANAGEMENT UNIT FOR ICT-AIM/ MACHINERY AND EQUIPMENT OUTLAY**Delivery Term: **180 CD ARNP**Date of Delivery: **180 calendar days after receipt of Notice to Proceed**Payment Term: **15 DAYS/ LDDAP**Mode of Procurement: **Public Bidding**

VAT INCLUSIVE

Item No.	Unit	Description	Quantity	Unit Cost	Amount
1	lot	ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER	1	2,395,300.00	2,395,300.00

VII. PROJECT IMPLEMENTATION AND PROJECT TEAM REQUIREMENTS

- Provide detailed engineering plans, layout and work breakdown schedule for project.
- Provide methodologies of installation that are acceptable for the implementation approval to minimize systems downtime.
- Bidder must have One (1) Registered Mechanical Engineer employed with the bidder for at least three (3) years. Copy of Certificate of Employee and valid PRC ID Shall be attached together with the submittal.
- Bidder must have One (1) Safety Officer employed with the bidder for at least three (3) years. Safety officer must be COSH Certified. Copy of certification and COE must be submitted together with the bid.
- Bidder must have One (1) Air Specialist of the brand being offered. Employed with the bidder for at least three (3) years.
- Certified personnel must have completed the applicable training course. Copy of certification shall be provided.
- Bidder must be a Tier1/Platinum/Elite or any equivalent highest level of partnership on PACU to ensure its technical expertise on the offered solution.

VIII. DOCUMENTATION

- Two (2) sets of the following in digital and hard copy:
 - Proposed plan for installation of one (1) unit PACU including piping and electrical connections drawing
 - Technical specification of one (1) unit PACU including single-line diagrams, dimensional, electrical, and capacity data
 - Scope of work and methodology of installation
 - Work schedule

IX. OTHER REQUIREMENTS

- The bidder must have implemented/installed the PACU and fire suppression system in at least three or more companies.
- Manufacturer of offered brand must have locally based customer care center in the Philippines with local hotline number to ensure quality of support and same time zone. Service representative must speak local language. Certification from the Manufacturer must be provided as proof of documents in this requirement
- The brand offered shall be available in Philippine Market for at least ten (10) years and must have local representative office in the Philippines.

(Total Amount in Words)

2 of 6

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.

Conforme:

Johny S. Quingco *Carat* *2/8/22*
Signature over Printed Name of Supplier
Date

Very truly yours,

ROBERT O. DIZON
Executive Director

Authorized Official

Funds Available:

JOHNNY S. QUINGCO
Accountant IV

Chief Accountant

ALOBS No. **06-BID1-2A22-02-000746**
Amount: **₱ 2,395,300.00**P.O. No. **22-01-0017**



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

MGO/

PURCHASE ORDER

Supplier: **EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.**

Address: Unit 309 Armal Plaza Bldg., C. Raymundo Ave. Maybunga, Pasig City;

Tel No.: lya:laynesa@egmsystems.com.ph; 0968-879-3648

P.O. No.: **22-01-0017**

Date: **31-Jan-22**

P.R. No.: **22010004**

Date: **29-Nov-21**

Gentlemen:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **PROPERTY MANAGEMENT UNIT FOR ICT-AIM/ MACHINERY AND EQUIPMENT OUTLAY**

Delivery Term: **130 CD ARNP**

Date of Delivery: **180 calendar days after receipt of Notice to Proceed**

Payment Term: **15 DAYS/ LDDAP**

Mode of Procurement: **Public Bidding**

VAT INCLUSIVE

Item No.	Unit	Description	Quantity	Unit Cost	Amount
1	lot	ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER	1	2,395,300.00	2,395,300.00

Technical Specifications by Buyer and End-User (MIRDC)		Supplier Offer and Compliance (Project Management & Technical Resources Corporation)	MIRDC Evaluation (Pass/Fail)
Precision Air Conditioning Unit (PACU)			
Type	PACU		
Electrical Information	Power Supply: 30V/1Ph/60Hz FLA: 24.2 A System Total Power: 2.3kW	Power Supply: 30V/1 Ph/60Hz FLA: 24.2 A System Total Power: 2.3kW	Pass
General Input/Output	Gross Total Capacity: 7.2 kW Gross Sensible Capacity: 6.5kW SHR: 0.9	Up to 7.5 kW	Pass
Footprint	Must not exceed: WxDxH: 510mm x 385mm x 1850mm	Footprint = 510mm x 385mm x 1850mm	Pass
Weight	Must not exceed: 100 kg.	85 kg.	Pass
Airflow	Total Air Flow: 2000 CMH	Air Flow = 2000 CMH	Pass
Condenser	Power Supply: 220V/1Ph/60Hz FLAL 1.0 A	Power Supply: 220V/1Ph/60Hz FLAL 1.0 A	Pass
Heater	Capable of 3.2 kW heater	With PTC heater 3.2 kW	Pass
Infrared	Capable of infrared humidifier	With Infrared humidifier Humidification Capacity (kg/hr) 1.5	Pass
Display	7-inch HMI Colourscreen	7-inch HMI Colourscreen	Pass
Compressor	With Scroll Compressor	Equipped with scroll compressor	Pass
Fan	With Centrifugal Fan	Equipped with centrifugal fan (upflow & downflow)	Pass
Temperature & Humidity Control	± 1 C / ± 5% RH	With temperature and humidity control = ± 1 C / ± 5% RH	Pass
Refrigerant	Energy-efficient Refrigerant (R410A)	Energy-efficient Refrigerant (R410A)	Pass

(Total Amount in Words) **3 of 6**

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.

Conforme:

Johny G. Quingco
JOHNNY G. QUINGCO
Accountant IV

Signature over Printed Name of Supplier

02-04-22
Date

Very truly yours,

Robert O. Dizon
ROBERT O. DIZON
Executive Director

Authorized Official

Funds Available:

JOHNNY G. QUINGCO

Accountant IV

Chief Accountant

ALOBS No. 04-16111-2022-02-12040
Amount: 2,395,300-

P.O. No. **22-01-0017**

Johny G. Quingco



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

MGO/

PURCHASE ORDER

Supplier: **EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.**

Address: Unit 309 Armal Plaza Bldg., C. Raymundo Ave. Maybunga, Pasig City ;

Tel No.: tyca.laynesa@egmsystems.com.ph 7-0968-879-3648

P.O. No.: 22-01-0017

Date: 31-Jan-22

P.R. No.: 22010004

Date: 29-Nov-21

Gentlemen:

Please furnish this Office the following articles/subject to the terms and conditions contained herein:
PROPERTY MANAGEMENT UNIT FOR ICT-RUM/ MACHINERY AND EQUIPMENT OUTLAY

Delivery Term: 180-CD-ARNP

Payment Term: 15 DAYS/ LDDAP

VAT INCLUSIVE

Date of Delivery: 180 calendar days after receipt of Notice to Proceed

Mode of Procurement: Public Bidding

Item No.	Unit	Description	Quantity	Unit Cost	Amount
1	lot	ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER	1	2,395,300.00	2,395,300.00
	Expansion Valve	With expansion valve	Equipped with expansion valve to regulate refrigerant flow accurately	Pass	
	Environmental Monitoring System				
Type		EMS	EMS		
Water Sensor	With water sensor	Digital Input Sensor (Door Sensor, Water Leak Sensor, Smoke Sensor, Motion Sensor, Vibration Sensor)	Pass		
Humidity Sensors	With humidity sensors	Equipped with humidity sensors	Pass		
Alarm	Must have at least one (1) alarm beacon with sounds	With alarm and notifications	Pass		
Power supply	Must have dual power supply	With two power supply input	Pass		
Network	Must have dual network ports, capable of DHCP addressing and which can adopt 10/100Mbps	With two network ports 10/100Mbps capable of DHCP	Pass		
Communications	Must have 16 default devices which can be extended up to 32 maximum ports	Default of 16 devices in an RDU module (Can be all Modbus 485, or all SNMP, or a Mix). Can be extended to have additional 16	Pass		
(Total Amount in Words) 4 of 6					

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.

Conforme:

Very truly yours,

ROBERT O. DIZON
Executive Director

Authorized Official

Signature over Printed Name of Supplier

02-108-22
Date

Funds Available: **JOHNNY G. QUINGCO**

Accountant IV

Chief Accountant

ALOBS No. 02-108-22-02-10540
Amount: \$ 2,395,300-

P.O. No. 22-01-0017

7068465703



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

MGO/

PURCHASE ORDER

Supplier: **EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.**

Address: Unit 309 Armal Plaza Bldg., C. Raymundo Ave. Maybunga, Pasig City;

Tel No.: lya:laynesa@egmsystems.com.ph; 0968-879-3648

TIN : **008-855-293-000**

P.O. No.: **22-01-0017**

Date: **31-Jan-22**

P.R. No.: **22010004**

Date: **29-Nov-21**

Gentlemen:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **DEPARTMENT OF ENERGY MANAGEMENT UNIT FOR ICT-AIM/ MACHINERY AND EQUIPMENT OUTLAY**

Delivery Term: **180 CD ARNP**

Date of Delivery: **180 calendar days after receipt of Notice to Proceed**

Payment Term: **15 DAYS/ LDDAP**

Mode of Procurement: **Public Bidding**

Payment Term: **VAT INCLUSIVE**

Item No.	Unit	Description	Quantity	Unit Cost	Amount
1	lot	ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER	1	2,395,300.00	2,395,300.00

		devices more by purchasing licenses to make the total to a maximum of 32.			
USP port		Must have two USB-A type socket ports for connecting camera or USB Modem	Pass		
Relay		Must have two relay outputs	Pass		
Ethernet port		Must have two routes of sensor ports, which include four RJ45 interfaces	Pass		
Compatibility		Precision Air Conditioning Unit and Environmental Monitoring System must be of the same brand	Pass		

Fire Suppression System

Type		Fire Suppression System			
Smoke detector		Must have photoelectric smoke detector	Pass		
Agent		Must have fire suppression agent	Pass		
Manual pull		Must have manual pull station	Pass		
Abort station		Must have abort station	Pass		

(Total Amount in Words)

5 of 6

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.

Conforme:

Very truly yours,

ROBERT O. DIZON
Executive Director

Authorized Official

Signature over Printed Name of Supplier

02-108-22

Date

Funds Available: **JOHNNY B. QUINGCO**
Accountant IV

Chief Accountant

ALOBS No. **06-16101-2022-02-000740**
Amount: **2395,300 -**

P.O. No. **22-01-0017**

50684573



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

MGO/

PURCHASE ORDER

Supplier: **EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.**

Address: Unit 309 Armal Plaza Bldg., C. Raymundo Ave. Maybunga, Pasig City ;

Tel No.: tyca.taynesa@egmsystems.com.ph ; 0968-879-3648

P.O. No.: 22-01-0017

Date: 31-Jan-22

P.R. No.: 22010004

Date: 29-Nov-21

TIN : 008-855-293-000

Gentlemen:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **PROPERTY MANAGEMENT UNIT FOR ICT-AIM/ MACHINERY AND EQUIPMENT OUTLAY**

Delivery Term: **180 CD ARNP**

Date of Delivery: **180 calendar days after receipt of Notice to Proceed**

Payment Term: **15 DAYS/ LDDAP**

Mode of Procurement: **Public Bidding**

VAT INCLUSIVE

Item No.	Unit	Description	Quantity	Unit Cost	Amount
1	lot	ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER	1	2,395,300.00	2,395,300.00
	Strobe/Light	Must have multi tone signal with flashing strobe		Pass	
	Alarm	Must have one (1) alarm bell		Pass	
	Global standards	In accordance with the guidelines contained in NFPA 72 (2002), approved by Factory Mutual (FM), ANSI 864, 9th edition, UL Listed to ANSI 864		Pass	

TOTAL =P= 2,395,300.00
Less: 5% GMP (106,933.04)
1% EWT (21,386.61)
1% RF (23,953.00)
=P= 2,243,027.35

6 of 6

(Total Amount in Words: Million Two Hundred Forty Three Thousand Twenty Seven Pesos and Thirty Five Centavos Only)

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.

Conforme:

Very truly yours,

ROBERTO DIZON
Executive Director

Authorized Official

Signature over Printed Name of Supplier

02-06-22

Date

Funds Available: **JOHNNY G. QUINTIGO**

Accountant IV

Chief Accountant

ALOBS No.

Amount: P= 2,243,027.35

06-101101-2022-02-00040

22-01-0017

P.O. No.

506040003



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

NOTICE TO PROCEED

January 20, 2022

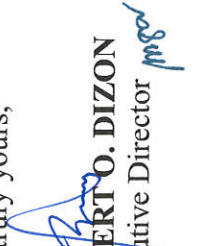
LYCA A. LAYNES
Account Manager
EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.
Unit 309 Armal Plaza Bldg., C. Raymundo Ave.
Maybunga, Pasig City

Dear Ms. Laynes:

The attached Contract Agreement having been approved, notice is hereby given to **EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.** that work may proceed on the project for the **PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER** 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 *mgd*

I acknowledge receipt of this Notice on January 28, 2022 (date of receipt)

Name of Bidder's Representative: LICA A. LAYNES

Authorized Signature:  _____

Metals Industry Research and Development Center
IN REPLYING, PLEASE CITE:



00-22-0119-09



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

NOTICE OF AWARD

January 18, 2022

LYCA A. LAYNESA
Account Manager
EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.
Unit 309 Armal Plaza Bldg., C. Raymundo Ave.
Maybunga, Pasig City

Dear Ms. Laynesa:

You are advised that the Purchase Order for the **PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER** of the Metals Industry Research and Development Center has been awarded to your firm in the amount of Two Million Three Hundred Ninety Five Thousand Three Hundred Pesos only (**Php2,395,300.00**), 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,

Metals Industry Research and Development Center
IN REPLYING PLEASE CITE:



ROBERT O. DIZON
Executive Director

[Signature]

LYCA A. LAYNESA
[Signature] 1/19/2022

CONTRACT AGREEMENT

THIS AGREEMENT made this 20th day of JANUARY 2022 between **METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER** of the Philippines (hereinafter called "the Entity") of the one part and **EGM SYSTEMS GLOBAL 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 PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER"** and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of **Two Million Three Hundred Ninety Five Thousand Three Hundred Pesos only (Php2,395,300.00)**, (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 and Terms of Reference;
 - 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



Accountant IV

ACKNOWLEDGMENT

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

Before me, a Notary Public for and in the PASIG CITY this
31 JAN 2022 2022, personally appeared:

NAME	I.D. NO.	DATE/PLACE ISSUED
ROBERT O. DIZON	P4453911B	DFA, NCR East/Jan. 20, 2020
LYCAA. LAYNESA	CRN – 0111-9820702-8	January 2019/Pasig City

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. 296;
Page No. 61;
Page No. V;
Series of 2022.

Jan Arnel
ATTY. LETICIA M. AMON
Notary Public
Pasig Pateros & San Juan
Valid Until December 31, 2023
Roll No. 2218
PTR BCEN No. 8121781/01-03-22
Lifetime IBP Member No. 04286
Official Receipt No. 574709, IBP Chapter
Ground Fir Armal Centre, U. Velasco., Ave.
Malinao, Pasig City

**BAC RESOLUTION DECLARING NOTICE OF AWARD AND
RECOMMENDING FOR APPROVAL**

R E S O L U T I O N N O . 2 0 2 2 - 0 0 2

Project: PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER

Approved Budget for the Contract (ABC): Php2,396,000.00

Pre-procurement Conference: November 24, 2021 (1:30PM)

Pre-bid Conference: December 7, 2021 (9:00AM)

Opening of Bids: December 21, 2021 (1:30PM)

Whereas, the **Metals Industry Research and Development Center (MIRDC)** posted the Invitation to Bid for the above project on Nov. 29,2021 in the Philippine Government Electronic Procurement System (PhilGEPS), Metals Industry Research and Development Center (MIRDC) website, social media platform, and conspicuous places at the premises of the DOST Bicutan, Taguig City continuously for 21 days;

Whereas, a pre-bid conference was conducted on Dec. 7,2021; 9:00 am via zoom and attended by the following bidders: EGM SYSTEMS GLOBAL TECHNOLOGIES INC., SIM COMPUTER SALES INC., INTEGRATED COMPUTER SYSTEMS INC., PRONET SYTEMS INTEGRATED NETWORK SOLUTION INC., AMOGOTEK CORP. and MJZI INC.;

Whereas, in response to the said invitation, only EGM SYSTEMS GLOBAL TECHNOLOGIES INC. signified their intention to join the bidding and subsequently purchased the bidding documents;

Whereas, EGM SYSTEMS GLOBAL TECHNOLOGIES INC. submitted its bid during the Bid opening at 1:30 pm. on Dec.21, 2021 at the Mercury Conference Room, 3rd Floor, Gold Building, MIRDC Compound, Gen. Santos Ave., Bicutan, Taguig City;

Whereas, EGM SYSTEMS GLOBAL TECHNOLOGIES INC. was able to comply with the technical / eligibility requirements, hence, their financial proposal was opened and read, to wit:

Bidder	Amount of Bid as Read
EGM SYSTEMS GLOBAL TECHNOLOGIES INC.	Php2,395,300.00

Whereas, TWG evaluated the bid offer of EGM SYSTEMS GLOBAL TECHNOLOGIES INC. and ascertain the completeness and arithmetical correctness of their bid;

Whereas, EGM SYSTEMS GLOBAL TECHNOLOGIES INC. being the single calculated bid was scheduled for post-qualification;

Whereas, after verifying, validating and ascertaining its documents, EGM SYSTEMS GLOBAL 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;"

RESOLVED, as it is hereby resolved, pursuant to Section 53 of R.A. 9184, to declare EGM SYSTEMS GLOBAL TECHNOLOGIES INC. as the Single Calculated and Responsive Bidder and to recommend the award of contract to said bidder at its submitted/ calculated bid price.

SIGNED in Bicutan, Taguig City this 18th of January 2022.


MERCEDITA G. ABUTAL
BAC Chair


GINA A. CATALAN
BAC Member

ISIDRO D. MILLO
BAC Member


ALFREDO L. PANGANIBAN
TWG Member


GIL R. ROA
BAC Member


ATTY. TRIXIE HAZE C. VELUZ
BAC Vice Chair


ROMMEL N. CORONA
BAC Member


ERIC C. CALANNO
TWG Member


ARVIN VAN PACIA
TWG Member


ERIC B. CASILA
TWG Member

Approved (✓) / Disapproved ()


ROBERT O. DIZON
Executive Director

Approved on 1/18/2022

Metals Industry Research and Development Center

BID EVALUATION REPORT

I. PROJECT IDENTIFICATION

1.1 Name of the Contract to be Bid	PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER
1.2 End-User/Purchaser	
1. Name	Metals Industry Research and Development Center
2. Address	Gen. Santos Ave., Bicutan, Taguig City
1.3 Location of the Project	DOST – MIRDC
1.4 Approved Budget of Contract	Php2,396,000.00
1.5 Method of Procurement	Competitive Bidding
1.6 Purchase Request No.	P.R. # 22010004

II. INITIAL STEPS IN THE BIDDING PROCESS

2.1 Pre-Procurement Conference		
(a) Date of Conference		November 24, 2021, 1:30PM via zoom
2.2 Advertisement of ITB, if applicable		
(a) Date of Publication		N/A
(b) Name of Newspaper		
2.3 Posting of ITB		
(a) Date of posting		November 29, 2021
Where:		at PHILGEPS, MIRDC website, social media platform, conspicuous places in MIRDC and DOST
2.4 Issuance of Bidding Documents		
(a) Period of Availability of Bid Docs		21 cd; Posting of ITB-Submission Deadline
(b) Number of Bid Documents Issued		One (1)
2.5 Amendments to Bid Documents , if any		
(a) List all issue dates		Dec. 13,2021
2.6 Pre-Bid Conference, if any		
(a) Date of Conference		December 7,2021 (9:00 am) via zoom

Pursuant to the provisions of R.A. 9184, the Bidding of the Project was advertised in PHILGEPS and MIRDC website on November 29,2021 while posting of the same invitation in MIRDC website and social media platform and conspicuous places at MIRDC and DOST were done on the same date.

The pre-bid conference was conducted last December 7, 2021, 9am via zoom which was attended by the following bidders: EGM SYSTEMS GLOBAL TECHNOLOGIES INC., SIM COMPUTER SALES INC., INTEGRATED COMPUTER SYSTEMS INC. , PRONET SYTEMS INTEGRATED NETWORK SOLUTION INC, AMOGOTEK CORP. and, MJZI INC.

The BAC and TWG members discussed the contents and other important provisions of the bid documents. Only EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. responded to the invitation and

eventually purchased the Bidding Documents.

III. BID SUBMISSION AND OPENING

3.1 Submission Deadline (a) date and time (b) Extensions, if any	December 21, 2021/ 1:30 pm None
3.2 Bid Opening Date and time (a) Date and time	December 21, 2021/ 1:30 pm
3.3 Number of Bids Submitted	None
3.4 Bid Validity (a) Originally Specified (b) Extensions, if any	1
	One Hundred Twenty (120) Calendar days Not Applicable

IV. ELIGIBILITY COMPONENT

Document for Qualification/Eligibility		EGM SYSTEMS GLOBAL TECHNOLOGIES INC
Legal Documents		Pass/Fail Criteria (P/F)
1	Valid PhilGEPS Registration Certificate (Platinum Membership), or	P
a)	Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;	
b)	Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas	
c)	Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).	
Technical Documents		
1	Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and	P
2	Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and	P
3	Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;	P
		Bis Securing Declaration

	or Original copy of Notarized Bid Securing Declaration; and	
4	Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; and	P
5	Duly signed Omnibus Sworn Statement and	P
	if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder	P
Financial Documents		
1	Audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and	P
2	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC); or A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.	P PHP130,864,904.00

Note: Pass (If all the above documents are present)

Fail (If any of the above documents are absent)

Only EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. submitted its bid proposal on December 21, 2021. It passed all the requirements on the eligibility and technical proposal having complied with all the required documents. Hence, the BAC proceeded to open their financial proposal. All submitted documents will be subjected for further validation and verification

V. FINANCIAL COMPONENT

Document for Qualification/Eligibility		EGM SYSTEMS GLOBAL TECHNOLOGIES INC	Name of Bidder
		Pass/Fail Criteria (P/F)	Pass/Fail Criteria (P/F)
a)	Original of duly signed and accomplished Financial Bid Form; and	P	
b)	Original of duly signed and accomplished Price Schedule(s).	P	

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Note: Pass (If all of the above documents are present)

Fail (If any of the following documents is absent)

EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. passed the criteria on the financial proposal and all required documents are complete.

VI. FINANCIAL PROPOSAL

Name of Bidders	Modification or Substitution (Yes or No)	Pass/Fail Criteria
EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.	No	Passed

VII. DETAILED EVALUATION AND COMPARISON OF BIDS.

Approved Budget for the Contract (ABC) was pegged at Php 2,396,000.00. EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. bid price as read is PHP 2,395,300.00. The evaluation on the submitted applicable Price Schedule was done to check the mathematical computation to ensure its correctness. After the evaluation, no error was noticed, thus EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. bid was considered as the "Single Calculated Bidder" and shall be considered for post qualification to further evaluate its responsiveness.

VIII. POST QUALIFICATION

Name of Bidder	Post-Qualified/Post-Disqualified	Grounds*
EGM SYSTEMS GLOBAL TECHNOLOGIES, INC.	Post-Qualified	Single Calculated Responsive Bidder

*Lowest Calculated Responsive Bidder
Single Calculated Responsive Bidder

On January 11, 2022, the TWG conducted the post-qualification evaluation of EGM Systems Global Technologies Inc. virtually via ZOOM application, which started at 1:00 PM onwards. The representatives from EGM were Ms. Lil Abby Cacula, Sales Executive and Mr. Glenn Maliksi, Technical Engineer. All legal documents such as SEC, Business Permits, Tax Clearance Certificate and PhilGEPS registration were checked against the website of the issuing agency to determine its authenticity.

The company is known in providing various IT solutions in both government and private institutions since early 2000. The IT solutions being offered are data network communications infrastructure such as design/development of data center, network installation, IP telephony, servers, firewall, storages, and precision air cooling system, among others. Ms. Lil Abby Cacula, mentioned that the company has completed various ICT projects with different government

agencies such as the Department of Information and Communications Technology. They have installed precision airconditioning units or PACU in private firms as well as the Banko Sentral ng Pilipinas. She also added that they have successfully installed the PACU unit in Watsons Philippines new regional office located at Pampanga.

From the information provided, TWG verified the information through a phone interview with Mr. Freddie Rosales, email address: freddie.rosales@watsons.com.ph and mobile no.: +63998-994-8100. Mr. Rosales mentioned that the company acquired two (2) units of PACU 3 tonner, as part of the establishment of data center in their regional office in Pampanga. The data center included various acquisition of IT equipment, data cabinet and fire suppression system. The total project cost is worth Seventeen Million Pesos (Php 17,000,000.00) was completed on February 18, 2021. The preventive maintenance included in the contract is on a quarterly basis, and to date there are no major issues/concerns encountered.

Likewise, Mr. Rosales mentioned that the EGM System has completed the said project on-time and provided detailed documentation with the submission of work schedules, line diagrams, data center layout and technical manuals. The Watson Philippines does not have any concern in terms of customer communication and after sales support.

EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. whose bid was rated responsive, "PASSED" all the criteria stated in the Bid Documents, hence, the offer is considered most advantageous to the National Government.

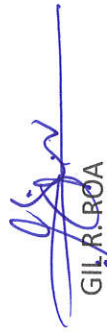
IX. RECOMMENDATIONS

All documents submitted by EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. were subjected to a thorough evaluation pursuant to the provisions of R.A. 9184 specifically on the post evaluation clause. The results of the evaluation by the BAC and the Technical Working Group support the recommendation that EGM SYSTEMS GLOBAL TECHNOLOGIES, INC. be awarded the contract for "PROCUREMENT OF ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION OF PRECISION AIR CONDITIONING UNIT (PACU) WITH ENVIRONMENTAL MONITORING SYSTEM AND FIRE SUPPRESSION SYSTEM FOR MIRDC DATA CENTER".

Prepared by:

TWG:


ERIC B. CASILA


GIL R. ROA


ALFREDO Z. PANGANIBAN

~~ERIC B. CASILA~~

ERIC C. CALANNO


ARVIN YAN PACIA

Noted by:

MERCEDITA G. ABUTAL
BAC Chair

Prepared by:

TWG:


ERIC B. CASILA


GIL R. ROA


ALFREDO Z. PANGANIBAN

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ERIC C. CALANNO


ARVIN YAN PACIA

Noted by:


MERCEDITA G. ABUTAL
BAC Chair