

ORIGINAL

CONTRACT NO. LOG MSSP 2022-12-131-MDC

**SUPPLY AND DELIVERY OF 651 UNITS OF PHOTOVOLTAIC SOLAR HOME SYSTEM FOR THE PROVINCES OF CAGAYAN AND ISABELA UNDER PV MAINSTREAMING
HO-PIB22-012 / PB221108-JL00408**

TRADEMASTER RESOURCES CORPORATION
(SUPPLIER)


MELVIN R. ZABALA
Sales Manager

BY:

KNOW ALL MEN BY THESE PRESENTS:

This Contract made and entered into in Quezon City, Philippines, by and between:

The **NATIONAL POWER CORPORATION**, a government-owned and controlled corporation duly organized and existing under and by virtue of Republic Act No. 6395, as amended, with its principal office address at NPC Building, BIR Road corner Quezon Avenue, Diliman, Quezon City, Philippines, represented herein by its Vice President - Power Engineering Services, **ATTY. ROGEL T. TEVES**, who is duly authorized to represent it in this transaction, hereinafter referred to as **NPC**;

- and -

TRADEMASTER RESOURCES CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the Republic of the Philippines, with office address at Lot E, Impex Compound, Alabang-Zapote Road, Las Piñas City, Philippines, herein represented by its Sales Manager, **MR. MELVIN R. ZABALA**, who is duly authorized to represent it in this transaction, hereinafter referred to as **SUPPLIER**.

WITNESSETH: That -

WHEREAS, on 18 October 2022, NPC posted the Invitation to Bid for the Public Bidding of the Supply and Delivery of 651 Units of Photovoltaic Solar Home System for the Provinces of Cagayan and Isabela under PV Mainstreaming;

WHEREAS, there were two (2) prospective bidders who secured the bidding documents and participated in the bidding conducted on 08 November 2022;

WHEREAS, SUPPLIER's bid offer was considered as the lowest calculated and responsive bid;

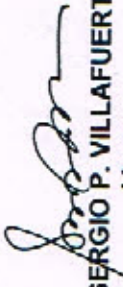
WHEREAS, NPC accepted the said bid of the SUPPLIER;

NOW, THEREFORE, in view of the foregoing premises and for and in consideration of the mutual covenants and stipulations hereinafter provided, the parties hereto have agreed as follows:

Contract between NPC and Trademaster Resources Corporation
Supply and Delivery of 651 Units of Photovoltaic Solar Home System for the Provinces of Cagayan and Isabela under PV Mainstreaming
Contract No. LOG MSSP 2022-12-131-MDC

SIGNED IN THE PRESENCE OF:


JOSEFA LARAYA
(SUPPLIER)


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

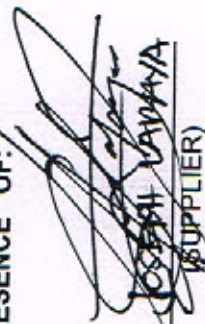
NATIONAL POWER CORPORATION
(NPC)


ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services
and
AD

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BY:


MELVIN R. ZABALA
Sales Manager


JOSEPH V. VAYAYA
(SUPPLIER)

BY:


ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services
HS


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

ARTICLE I DOCUMENTS COMPRISING THE CONTRACT

The following documents are hereby incorporated and made part of this Contract as though fully written out and set forth herein insofar as they are not inconsistent with the terms hereof:

1. Bidding Documents for the Supply and Delivery of 651 Units of Photovoltaic Solar Home System for the Provinces of Cagayan and Isabela under PV Mainstreaming under PR No. HO-PIB22-012 / PB221108-JL00408;
2. Notice of Award dated 22 December 2022;
3. Post Qualification Report dated 23 November 2022;
4. Bid Opening Report dated 10 November 2022;
5. SUPPLIER's bid proposal dated 08 November 2022;
6. Notice to Proceed; and
7. The Performance Security to be filed by SUPPLIER in accordance with this Contract.

The documents mentioned above shall collectively be referred to as "Contract Documents".

In the event that there is any discrepancy/inconsistency between the provisions of the Contract and the Contract Documents mentioned above, the latter shall govern. Should there be any inconsistency/discrepancy, among the Contract Documents, the document with the latest date shall prevail.

ARTICLE II SCOPE OF WORK

The SUPPLIER's scope of work under this Project shall generally consist of but not limited to the following:

- a. Factory testing and delivery of SHS units and its components including led lamps, etc., necessary appurtenances, tools, spare parts and associated auxiliaries;
- b. Factory testing and testing of Vending Machines and its components, necessary appurtenances, tools, spare parts and associated auxiliaries;
- c. Delivery of materials and supplies, tools and equipment necessary for the installation of SHS including PV mounting pipe shall be supplied by the SUPPLIER;
- d. Conduct training and/or training supervision for operation and maintenance of SHS units, vending machines, data base and all of the appurtenances/accessories within a given warranty period;
- e. Provide a cloud-based central database for storing of all information regarding the system's operation; and
- f. Delivery of spares, replacement parts and tools to designated storage housed identified by NPC.

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TRADEMASTER RESOURCES CORPORATION
(SUPPLIER)

SIGNED IN THE PRESENCE OF:

NATIONAL POWER CORPORATION
(NPC)

BY: 
MELVIN R. ZABALA
Sales Manager

BY: 
SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

BY: 
ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services
(NPC)

ARTICLE III
PROJECT DURATION AND LOCATION

The contract duration shall be **ONE HUNDRED TWENTY (120) CALENDAR DAYS** reckoned from receipt of Notice to Proceed.

The SUPPLIER shall deliver all 651 unit of SHS including spares and tools at NPC Tuguegarao Office, CAREG Regional Center, Dalan na Matunung St., Tuguegarao City, Cagayan, Region II.

The table below shows the quantities and installation areas of the SHS units to be supplied:

MUNICIPALITY	BARANGAY	QTY (HH)
CAGAYAN	Dalupiri, Calayan	130
	Balatubat, Calayan	68
	Naguilian, Calayan	174
	Minabel, Calayan	238
ISABELA	Dibulos, Divilacan	41
TOTAL		651

The SUPPLIER shall be responsible for visiting the project sites and thoroughly investigate and familiarize himself with all the site conditions, the surrounding area and take particular reference to its accessibility, means of communication and transportation and all other factors that could hamper the smooth execution of the contract.

Any and/or all expenses arising through the lack of knowledge or understanding regarding the existing conditions of the sites shall be the responsibility of the SUPPLIER and no additional payment thereof shall be made by NPC.

ARTICLE IV
TOTAL CONTRACT PRICE AND PAYMENT TERMS

The Total Contract Price shall be in the amount of and not exceeding **PHILIPPINE PESOS THIRTEEN MILLION SIX HUNDRED SEVENTY ONE THOUSAND (PHP 13,671,000.00) ONLY.**

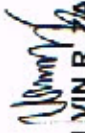
The Total Contract Price specified above shall be paid in accordance with the provision of Section IV-GCC, Clause 2 of the Bidding Documents.

All taxes, custom duties, tariffs, exports, excise and all other taxes assess and charged by the taxing authority of the country of origin upon production, manufacture or shipment of all materials, equipment and supplies to be furnished under the Contract shall be borne by the SUPPLIER.


In addition, all taxes, fees, insurance and cost of delivery to site shall be borne by the SUPPLIER.

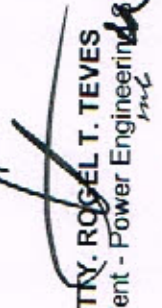
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Contract No. LOG MSSP 2022-12-131-MDC

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BY: 
MELVIN R. BABALA
Sales Manager


JOSE M. LAPA
(SUPPLIER)


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

BY: 
ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services

ARTICLE V
PERFORMANCE SECURITY

To guarantee the faithful performance of the SUPPLIER's obligation under this Contract, the SUPPLIER shall post a performance security which shall remain valid and effective during the contract duration.

- a. Cash, Manager's/Cashier's Check, Bank Draft/Guarantee issued by a Universal or Commercial Bank or Irrevocable Letter of Credit issued by a Universal or Commercial Bank. Provided however, that it shall be confirmed or authenticated by a reputable local Universal or Commercial Bank if issued by a Foreign Bank equivalent to Five Percent (5%) of the contract price.
- b. Surety Bond callable upon demand and penal in nature issued by a Surety or Insurance Company duly certified by the Insurance Commission as authorized to issue such security which shall be Thirty Percent (30%) of the total contract price.
- c. Performance Securing Declaration.

The Insurance Company that will issue Performance Security must be accredited by the Insurance Commission and acceptable to the National Power Corporation.

The performance security shall be valid for the duration of the contract and shall remain valid and effective until after sixty (60) days from NPC's final acceptance of the item. The Performance Bond shall also be answerable for any damages or penalties or any expenses that NPC may suffer as a result of the failure of the SUPPLIER to perform its obligations under this Contract. The Performance Bond shall be entirely forfeited by NPC upon default of the SUPPLIER.

In case of surety bond, any extension of the contract time granted to the SUPPLIER, shall be considered as given, and any modification of the Contract shall be considered as authorized, as if with the expressed consent of the surety, provided that such extension or modifications falls within the effective period of the said surety bond. However, in the event that such extension of the contract time would be beyond the effective period of the surety bond first posted, it shall be the sole obligation of the SUPPLIER to post an acceptable Performance Security within ten (10) calendar days after the contract time extension has been granted by NPC.

ARTICLE VI
WARRANTY/GUARANTEE BOND

To assure that manufacturing defects shall be corrected by the SUPPLIER or its manufacturer, the SUPPLIER shall post a Warranty/Guarantee Bond after the performance of the contract pursuant to the provision contained in Section IV-GCC, Clause 5 of the Bidding Documents. This is also a pre-requisite to the discharge and return to the

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BY: 
MELVIN R. ZABALA
Sales Manager

SUPPLIER of the Performance Bond. This shall remain valid for twelve (12) months after the acceptance of the goods by the end user, The obligation of the warranty shall be covered by, at the SUPPLIER's option, either retention money in an amount equivalent to at least one percent (1%) but not exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but not to exceed five percent (5%) of the total contract price. The said amount shall only be released after the lapse of the warranty period, provided, however, that the GOODS supplied are free from patent and latent defects and all the conditions imposed under the contract have been fully met.

ARTICLE VII
LIQUIDATED DAMAGES


Should SUPPLIER fail to satisfactorily deliver any or all of the Goods and/or to perform the services within the period(s) specified in this Contract inclusive of duly granted time extensions if any, NPC shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of unperformed portion for every day of delay until actual delivery or performance. Once the amount of liquidated damages reaches ten percent (10%), NPC may rescind or terminate the Contract without prejudice to other courses of action and remedies open to it.


ARTICLE VIII
NON-ASSIGNMENT AND NO SUB-CONTRACT

The SUPPLIER shall not, without the written approval of NPC, assign, transfer, pledge, sub-contract, or make any other disposition of interest in this Contract. Any unapproved assignment, transfer, pledge, sub-contracting or any other disposition, shall be sufficient ground for NPC to terminate or cancel this Contract motu proprio without need of judicial action. Should NPC give its written approval, such consent shall not relieve the SUPPLIER of its responsibilities under the Contract. The SUPPLIER shall ensure that the terms and conditions of any sub-contract shall comply and conform with the terms and conditions of this Contract. The SUPPLIER shall be responsible for the observance by the sub-SUPPLIER of the terms and conditions of this Contract.

If any portion of the project sub-contracted is not performed faithfully in accordance with the contract, the sub-SUPPLIER shall be removed or replaced immediately upon the written request of NPC, provided, however, that any failure of NPC to make such request shall not relieve the SUPPLIER of its obligations under the contract. NPC shall not be responsible for the delays or costs incurred by the SUPPLIER because of the disapproval or removal of the sub-SUPPLIER, or because of the late submission of its approval.


SERGIO P. VILLAFUERTE
(SUPPLIER)


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

BY: 
ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services
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TRADEMASTER RESOURCES CORPORATION
(SUPPLIER)

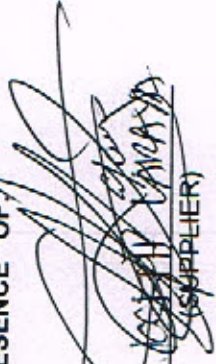
SIGNED IN THE PRESENCE OF:

NATIONAL POWER CORPORATION
(NPC)

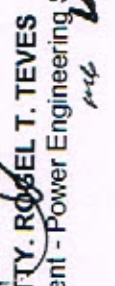
BY:

BY:


MELVIN R. LABALA
Sales Manager


SERGIO P. VILLAFUERTE
(SUPPLIER)


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)


ATTY. ROSEL T. TEVES
Vice President - Power Engineering Services

**ARTICLE IX
AGREEMENT MODIFICATION**

No modification, alteration or waiver of any provision of this agreement shall be binding upon the Parties unless evidenced by a written amendment signed by the Parties.

**ARTICLE X
SUSPENSION OF WORK**

NPC may suspend the work wholly or partly by written order for a certain period of time, as it deems necessary due to force majeure or any fortuitous events as defined in the contract. The SUPPLIER shall take all reasonable steps to minimize the costs allocable to the work covered by such order during work stoppage.

Before the suspension order expires, the procuring entity concerned shall either lift such order or terminate the work covered by the same. If the suspension order is lifted, or if the period of the order expires, the SUPPLIER shall have the right to resume work. Appropriate adjustments shall be made in the delivery or contract schedule, or contract price, or both, and the contract shall be modified accordingly.

**ARTICLE XI
PRE-TERMINATION**

Notwithstanding any provision to the contrary, NPC has the right to terminate, cancel and/or rescind this contract motu proprio, without need of judicial action, in case of breach thereof by the SUPPLIER, by giving at least ten (10) day written notice, which shall be final and binding on all parties. Upon receipt of NPC's notice, the SUPPLIER cannot remove, withdraw or pull-out any equipment, machinery, tool, material and supply brought to the project site without the written approval of NPC.

Any misrepresentation made by the SUPPLIER in the submission of documents, or suppression of material facts, which if known could have disqualified the SUPPLIER gives NPC the immediate right or recourse to motu proprio, without need of judicial action, rescind, abrogate or otherwise terminate the Contract.

Within thirty (30) days after termination, cancellation or rescission of this Contract, the Parties shall settle their respective accountabilities as of the date of termination, cancellation, or rescission, including the refund of any and all advances made, plus legal interest from the date of receipt of the amount or amount advanced.

**ARTICLE XII
WARRANTY CLAUSE**

SUPPLIER hereby warrants that he or his representative has not offered or paid, directly or indirectly, any government officer and NPC official

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TRADEMASTER RESOURCES CORPORATION
(SUPPLIER)

BY: 
MELVIN R. ZABALA
Sales Manager

or employee any consideration or commission for the Contract nor has he or his representative exerted or utilized any corrupt or unlawful influence to secure or solicit this Contract for any consideration or commission; that the SUPPLIER will not subcontract any portion or portions of the scope of work of the Contract awarded to him to any official or employee of the NPC and to the relatives within the 3rd degree of consanguinity or affinity of NPC's officials who are directly and indirectly involved in Contract awards or project execution; and that if any commission is being paid to a private person; he shall disclose the name of said person and the amount being paid; and that any violation of this Warranty shall constitute sufficient ground for the rescission or cancellation of this Contract; or the reduction from the Contract Price of the consideration or commission paid without prejudice to the filing of any action for the violation of RA No. 3019 as amended (otherwise known as the Anti-Graft and Corrupt Practices Act) and/or other applicable laws against the SUPPLIER and/or his representative and/or the erring NPC official(s) and employee(s).

**ARTICLE XIII
JOINT AND SEVERAL LIABILITY**

The liability of the SUPPLIER and/or any and all of the entities representing it on any manner under this Contract or relating to thereto is joint and several and for this reason NPC may proceed against any or all of them.

**ARTICLE XIV
VALIDITY CLAUSE**

If any term or condition of this Contract is held invalid or contrary to law, the validity of the other terms and conditions hereof shall not be affected thereby.

**ARTICLE XV
GUARANTEE**

The SUPPLIER shall guarantee that he will repair, and/or replace, at his own expense, equipment and machineries, against defect in design, workmanship and materials and shall include labor, parts and travel time for necessary repairs at the plant site effective from date of issuance of Certificate of Completion for a period of twelve (12) months. Within this Parts Warranty, the SUPPLIER shall assist NPC through every means possible to ensure the replacement of faulty parts (covered by the Warranty) within three (3) business days. However, for the vending machines and its management system and the data base, the SUPPLIER shall be able to respond to NPC's queries and provide solution within twenty-four (24) hours.

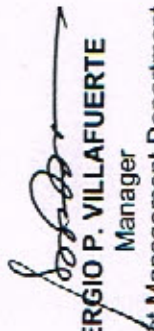
The Warranty Period is an additional requirement to the standard Component Warranties.

The Warranty Period shall commence on the day of Acceptance of the completion of the Project received by the SUPPLIER from NPC.

The SUPPLIER shall bear full transportation costs of faulty equipment

SIGNED IN THE PRESENCE OF:


JOSEPH GARCIA
(SUPPLIER)



SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

NATIONAL POWER CORPORATION
(NPC)

BY: 
ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services
INC.

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BY: 
MELVIN R. ZABALA
Sales Manager

and replacements of such parts being claimed under the Warranty for the entire duration on the Warranty Period.

The SUPPLIER shall be the focal point for the life of the Warranties and all claims shall be undertaken through the SUPPLIER for replacements, components and accessories.

The SUPPLIER shall provide on-call support for issues beyond the technical capability of NPC as specified in the scope of works. If issues cannot be fixed or solved by telephone support, the SUPPLIER must be able to send to the project site their appropriate staff within seventy-two (72) hours after NPC has notified the SUPPLIER. The SUPPLIER shall also identify and submit the name(s) and contract number(s) of their local partner(s) in where NPC could acquire part(s) of the system.

This shall include any maintenance/repair services rendered upon request of NPC in the event of any abnormality occurs within the warranty period. For the minor repairs/replacements/adjustments as determined by the SUPPLIER, CBTs and/or NPC who had undergone training conducted by the SUPPLIER may perform the necessary repairs/replacements/adjustments, if authorized that such repair shall not relieve the supplier of its obligation under the contract if such repair is not done properly.

The applicable guarantee period shall be exclusive of any downtime attributable to the SUPPLIER. In case of equipment downtime occurs during the warranty period due to fault of the SUPPLIER, the downtime hours shall be added to the required warranty period. Hence, the warranty period is extended with the equivalent downtime attributable to the SUPPLIER.

Provided further that the release of the warranty bond/security is without prejudice to the terms provided by Section VI-TS GW-18.0 and shall be done after the warranty period plus downtime attributable to SUPPLIER, if any as certified by the concerned end-user.

Accordingly, the warranty bond shall be extended.

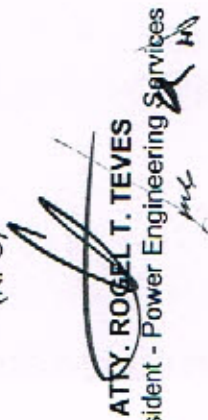
The SUPPLIER guarantees that when the equipment and/or materials are placed in operation and/or use, it will perform in the manner as set forth in the Contract.

ARTICLE XVI
EFFECTIVITY

This Contract shall become effective upon receipt of the Notice to Proceed.


(SUPPLIER)


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

BY: 
ATTY. ROGEL T. TEVES
Vice President - Power Engineering Services

Contract between NPC and Trademaster Resources Corporation
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**ARTICLE XVII
VENUE OF ACTION**


The parties hereto agree that the venue of action for any cause or causes of action which may arise in connection with this Contract shall be exclusively in the proper court of Quezon City, Philippines only.

IN WITNESS WHEREOF, the parties hereto have signed this Contract this 9th day of JANUARY, 2023 at Quezon City, Philippines.

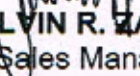
**NATIONAL POWER CORPORATION
(NPC)**

**TRADEMASTER RESOURCES
CORPORATION
(SUPPLIER)**

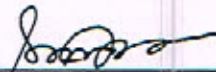
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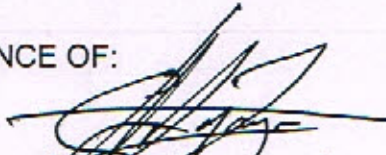

ATTY. ROGEL T. TEVES
Vice President
Power Engineering Services

BY:

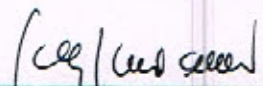

MELVIN R. ZABALA
Sales Manager

SIGNED IN THE PRESENCE OF:


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)


JOSEPH LANAYA
(SUPPLIER)

FUNDS AVAILABLE


LORLINA E. BOMEDIANO
Sr. Department Manager, Finance

CERTIFIED FUNDS AVAILABLE	
PERIOD	2022 AND 2023-G
JOB ORDER	WSP-1600203
COST CENTER	2700391
AMOUNT	P 13,671,000.00
20K GPRO P 12,206,250.00	
(6) P 1,464,750.00	

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

ACKNOWLEDGEMENT

BEFORE ME, a Notary Public for and in Quezon City, Philippines, this
day of JAN 31 2023, 2023, personally appeared **ATTY. ROGEL T.
TEVES**, Vice President – Power Engineering Services, **NATIONAL POWER
CORPORATION**, with Document Identification in the form of Company ID No.
APW1300273, known to me and to me known to be the same person who
executed the foregoing instrument consisting of eleven (11) pages, including
the pages wherein the acknowledgements are written, all pages signed by
both parties and their instrumental witnesses and he acknowledged before me
that the same is his free and voluntary act and deed and that of the Company
he represents.

WITNESS MY HAND AND NOTARIAL SEAL, at the place and on the date first
above written.

Notary Public
Until December 31, 2023
IBP Lifetime No.: _____
PTR No.: _____

ATTY. JASON G. DE BELEN

Roll No. 36259

Adm. No. NP-070 Notary Public

Notary Public for Quezon City

My Commission expires on December 31, 2023

No. 7M Sct. Borromeo St. cor. Panay Ave., Q.C.

IBP No. 259495; Q.C.; 1-3-2023

PTR No. 4007196; Q.C.; 1-3-2023

MCLE VII-0019570; 5-30-22

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Page No. 48 ;
Book No. 220 ;
Series of 2023.

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REPUBLIC OF THE PHILIPPINES)
LAS PIÑAS CITY) S.S

ACKNOWLEDGEMENT

JAN 19 2023

BEFORE ME, a Notary Public for and in **Las Piñas City**, Philippines, this day of _____, 2023, personally appeared **MR. MELVIN R. ZABALA**, Sales Manager, **TRADEMASTER RESOURCES CORPORATION**, with Identification Document in the form of PASSPORT P23110100, issued by DFA MANILA at _____, on 05 JUNE 2019, known to me and to me known to be the same person who executed the foregoing instrument consisting of eleven (11) pages, including the pages wherein the acknowledgements are written, all pages signed by both parties and their instrumental witnesses and he acknowledged before me that the same is his free and voluntary act and deed and that of the Company he represents.

WITNESS MY HAND AND NOTARIAL SEAL, at the place and on the date first above written.

Notary Public
Until December 31, 2023
IBP Lifetime No.:
ATTY. GILY MALACAD
Notary public for Las Piñas City
Appointment No. LP 22-008
Until December 31, 2023
Roll No. 28335
IBP No. 262412/1-3-2023
PTR No. 12459963 J/1-3-2023/Las Piñas City
G/F TSVJ Bldg., Crispina Ave., Las Piñas Village,
Pamplona 3, Las Piñas City/ Tel. No. 8874-62-19
MCLE Compliance VI No. 0024799

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Contract between NPC and Trademaster Resources Corporation
Supply and Delivery of 651 Units of Photovoltaic Solar Home System for the Provinces of Cagayan and Isabela under PV Mainstreaming
Contract No. LOG MSSP 2022-12-131-MDC

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BY:

ATY ROSEL T. TEVES
Vice President - Power Engineering Services

SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)

ROBERTO LARAYA
(SUPPLIER)

MELVIN R. ZABALA
Sales Manager

ANNEX A

SECTION VII - SCHEDULE OF REQUIREMENTS

BPS.1 - Breakdown of Prices


Supply and Delivery of 651 Units of Photovoltaic Solar Home System for the Provinces of Cagayan and Isabela under PV Mainstreaming

HO-PIB22-012 / PB221108-JL00408

Item No.	Description of Work or Materials	QTY - UNIT	UNIT PRICE FOR GOODS AND RELATED SERVICES TO BE SUPPLIED FROM ABROAD					UNIT PRICE FOR GOODS AND RELATED SERVICES TO BE SUPPLIED FROM WITHIN THE PHILIPPINES				TOTAL PRICE	
			C Unit Price of Goods or Services Foreign Currency (")	D Import Duties & other Levies Imposed by Phil. Govt. (Phil. Peso)	E Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso)	F Local Transport from Port to Delivery Site ** (Phil. Peso)	G Local Transport from Port to Delivery Site ** (Phil. Peso)	H Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso)	I Local Transport to Delivery Site *** (Phil. Peso)	J Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso)	K Local Currency Person (Phil. Peso) ((F+H) x C) or ((I+K) x C)	L Foreign Currency (E x C)	M (M)
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
A	SOLAR HOME SYSTEM												
1.0	CIVIL WORKS												
1.1	PV-Mounting Pipe: Hot-dipped galvanized 40MM & 50MM steel pipe, angle bars, anchor bolts, u-bolts and other accessories including excavation												
2.0	ELECTRICAL WORKS												
2.1	Solar Panel, Crystalline Silicon Modules including Terminal Cables, Junction Box with Embedded Bypass and other appointments as described in the Technical Specifications, Technical Data Sheet and as shown on the Bid Drawings.												
2.2	Solar Home System Unit, Enclosure box with corresponding female USB ports, DC-DC converter for 18-Bit LED/LCD Screen, Key pad, RFID Card, Lighting Outlet of 5.5mmØ Co-local Power Connector, 2.1mm Pin Rated, Female, Battery Cells, Terminal Lug/Caps, Linking Conductors, Charge Controller, Pre-payment Controller with Battery Protection System complete with the required accessories as described in the Technical Specifications and Technical Data Sheet.												
2.3	Lighting System of the Solar Home complete with the required Lamps, Lighting Fixtures/Outlets, Switches, Cables as described in the Technical Specifications and as shown on the Bid Drawings.												
2.4	Bundled Appliances including 5-in-1 Phone Charger Cord, AM/FM Radio, Torch Lamp and other accessories as described in the Technical Specifications and Technical Data Sheet.												
2.5	Power, Control & Incubination Cables complete with the required accessories for cabling works to interface the supplied equipment to the 12Vdc System as described in the Technical Specifications, Technical Data Sheet and as shown on the Bid Drawings.												
a.	Pre-cutted 2.5 mm ² Multi Stranded Copper Conductor, 1000Vdc, UV Resistant DC Cable	651	PHP	1,880.00	825.00	3,135.00	660.00				7,733,680.00	3,007,620.00	
b.	Pre-cutted 0.5 mm ² Multi Stranded Copper Conductor, 12Vdc, UV Resistant Duplex DC Cable												
2.6	Conduits, cable connector and switches complete with the required accessories for cabling works as described in the Technical Specifications and Technical Data Sheets as shown on the Bid Drawings.												
a.	M/C4 Connector, Male & Female												
b.	6.5 mm Ø Coaxial Power Connector, 2.1 mm Pin Rated, Male												
c.	DC Switch												
d.	Bolts and Nuts, Screws, Plastic Top, Washer, Cable Caps, Cable Ties, Connecting/ Data Cables and other needed materials or equipment for the completion of the SHS installation												

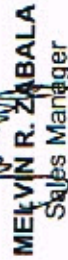
BY:

ATTY-ROGEL T. TEVES
Vice President - Power Engineering Services


SERGIO P. VILLAFUERTE
Manager
Project Management Department
(NPC)


JOSEFA LARAYA
(SUPPLIER)

BY:


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Item No.	Description of Work or Materials	QTY.-UNIT	UNIT PRICE FOR GOODS AND RELATED SERVICES TO BE SUPPLIED FROM ABROAD					UNIT PRICE FOR GOODS AND RELATED SERVICES TO BE SUPPLIED FROM WITHIN THE PHILIPPINES				TOTAL PRICE	
			C	D	E	F	G	H	I	J	K	L	M
		(C)	Unit Price of Goods or Services Foreign Currency (P=)	Import Duties & other Levies Imposed by Phil. Govt. (Phil. Peso)	Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso)	Local Transport from Port to Delivery Site ***(Phil. Peso)	Unit Price of Goods or Services (Phil. Peso)	Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso)	Local Transport to Delivery Site ***(Phil. Peso)	Foreign Currency (E x C)	Local Currency Portion (Phil. Peso) ((F+G+H x C) or ((I+J+K) x C)		
3.0	VENDING MACHINE AND VENDING MANAGEMENT SYSTEM												
3.1	Card Reader, Keypad, Display Screen, Control Program and Vending Management System complete with the required accessories such as receiptcode printer and thermal paper, protection logics and other appearances as described in the Technical Specifications and Technical Data Sheet.	13 Sets	13,464.00	935.00	3,553.00	748.00				175,032.00		68,068.00	
3.2	Data base Management and Storage System with host service for cloud storage	1 Lot	1,049,040.00	72,850.00	276,830.00	53,280.00				1,649,040.00		407,360.00	
B	SPARE S												
1.0	SMS units/axis complete with auxiliaries and accessories as described in Item Letter A.	2 sets	1,880.00	825.00	3,135.00	660.00				23,760.00		9,240.00	
2.0	PV Modules	14 PCS	2,088.00	145.00	551.00	118.00				29,232.00		11,368.00	
3.0	Battery	14 PCS	2,786.00	190.00	722.00	152.00				39,304.00		14,896.00	
4.0	SMS Unit Enclosure Box complete with ancillary equipment and components as described in Technical Specifications	14 sets	1,512.00	105.00	399.00	84.00				21,168.00		8,232.00	
5.0	Charge Controller	14 PCS	2,808.00	195.00	741.00	156.00				39,312.00		15,288.00	
6.0	Vending Machine (hand Terminal) complete with all the attachments	2 sets	13,464.00	935.00	3,553.00	748.00				26,928.00		10,472.00	
7.0	3W, 12Vdc LED Lamp with receptacle as described in Technical Specifications and Technical Data Sheets	118 sets	252.00	17.50	66.50	14.00				29,736.00		11,564.00	
8.0	1W, 12Vdc LED Lamp with receptacle as described in Technical Specifications and Technical Data Sheets	20 sets	144.00	10.00	38.00	8.00				2,880.00		1,120.00	
9.0	Tools including its Charging Cable	14 sets	324.00	22.50	65.50	18.00				4,536.00		1,764.00	
10.0	PV Module Mounting Hardware	7 sets	1,296.00	90.00	342.00	72.00				9,072.00		3,528.00	
11.0	RFID Card	33 PCS	262.00	17.50	66.50	14.00				8,316.00		3,234.00	
12.0	Other spare parts recommended by Manufacturer	1 Lot	411.57	28.58	103.61	22.86				611.57		169.05	
C	TOOLS												
1.0	INSTALLATION												
1.1	Digital Multimeter D-104dc / I-200Vdc with Fuse Protection	25 pcs	362.80	24.50	93.10	19.00				6,920.00		3,430.00	
1.2	Cow Hammer, 1.5' Overall length, Heavy duty	25 pcs	216.00	15.00	57.00	12.00				5,400.00		2,100.00	
1.3	Phillips Screw Driver (positive) - (#1)	25 pcs	324.00	22.50	65.50	18.00				4,536.00		1,764.00	
1.4	Slotted Screw Driver (negative) - (#16)	25 pcs	180.00	12.50	47.50	10.00				4,500.00		1,750.00	
1.5	Hand Gloves	50 pairs	180.00	12.50	47.50	10.00				9,000.00		3,500.00	
1.6	Leather Tool Holster	25 PCS	540.00	37.50	142.50	30.00				13,500.00		5,250.00	
1.7	8" Adjustable Wrench	50 PCS	396.00	27.50	104.50	22.00				19,900.00		7,700.00	
1.8	Rechargeable LED Headlamp	50 PCS	428.40	29.75	113.05	23.00				21,220.00		8,330.00	
1.9	Magnetic Compass	25 PCS	262.00	17.50	66.50	14.00				6,300.00		2,450.00	
1.10	MC4 Connectors Disconnect Tool Spanner with Wrench	25 PCS	324.00	22.50	65.50	18.00				4,100.00		1,600.00	
1.11	MC4 Ratchet Crimping Tool, 2.5 - 6.0mm	25 PCS	324.00	22.50	65.50	18.00				4,100.00		1,600.00	

BY:

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Vice President - Power Engineering Services

SERGIO P. VILLAFUERTE
Manager
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SIGNED IN THE PRESENCE OF

JESUIT LABAYAYA
(SUPPLIER)

BY:

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			(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	Local Currency (E x C)	Local Currency (L)	Local Currency (M)
1.12	9" Torpedo Level Tool with Magnetic Strip	25 pcs	463.00	32.50	123.50	26.00						11,700.00	4,560.00
1.13	Manual Crank Drill with at least two (2) - 10mm Wood Drill Bit	25 pcs	356.00	27.50	104.50	22.00						8,900.00	3,860.00
1.14	3-Slip Multipurpose Foldable Ladder, 150kg Safe Load	25 pcs	1,800.00	125.00	475.00	100.00						45,000.00	17,500.00
1.15	Robust Toolbox, minimum of 10" W x 18" H	25 pcs	324.00	22.50	85.50	18.00						8,100.00	3,150.00
2.0	MAINTENANCE												
2.1	Jeweler's Screw Drivers (#0, #1, #2, #3)	8 set	324.00	22.50	85.50	18.00						2,552.00	1,008.00
2.2	Sets Diagonal Cutting Files, 6" long, Heavy duty	8 pcs	468.00	32.50	123.50	26.00						3,744.00	1,456.00
2.3	Wire Stripper Pliers, 0.2-6mm stripping capability, Heavy duty	8 pcs	324.00	22.50	85.50	18.00						2,552.00	1,008.00
2.4	Long Nose Pliers, 6" long, Heavy duty	8 pcs	396.00	27.50	104.50	22.00						3,168.00	1,232.00
2.5	Lineman Pliers, 7" long, Heavy duty	8 pcs	1,368.00	95.00	351.00	78.00						10,944.00	4,256.00
2.6	Tamper-proof Lock	651 pcs	180.00	12.50	47.50	10.00						117,180.00	45,570.00
2.7	Adapted lock for tamper-proof lock	8 pcs	208.80	14.50	55.10	11.60						1,676.40	649.60
2.8	Robust Toolbox, minimum of 10" W x 18" H	8 pcs	324.00	22.50	85.50	18.00						2,552.00	1,008.00
2.9	Backup copies of control programs/software and other configuration software for the vending machines	1 Lot	316,460.16	21,976.40	83,510.32	17,551.12						316,460.16	123,057.76
2.10	Other Standard/Special Tools recommended by Manufacturer for Installation and Maintenance	1 Lot	2,809.87	196.62	746.77	157.22						2,809.87	1,103.00
TOTAL			2,809.87	196.62	746.77	157.22						9,843,120.00	3,827,880.00
GRAND TOTAL												9,843,120.00	13,671,000.00

Code	Country of Origin
PHP	Philippines