



National Kidney and Transplant Institute
Bids and Awards Committee
East Avenue, Quezon City 1100
981-0300 / 981-0400 local 1157
<http://www.nkti.gov.ph/>

SUPPLEMENTAL BID BULLETIN NO. 22-043-1

**SUPPLY AND DELIVERY OF LABOR, TOOLS, MATERIALS, CONSUMABLES, EQUIPMENT,
TECHNICAL EXPERTISE AND SUPERVISION FOR THE INSTALLATION, TESTING AND
COMMISSIONING OF TWO (2) UNITS CORPORATE BRAND NEW DIESEL ENGINE GENERATOR SET
AT MAIN AND ANNEX I POWER CENTER BUILDING, INCLUDING DISMANTLING AND REMOVAL OF
OLD UNIT (EARLY PROCUREMENT ACTIVITY FOR CY 2022)**

Bid Reference IB No. 22-043

This Supplemental Bid Bulletin **No. 22-043-1** is being issued to inform all the prospective bidders on the following amendment:

- a. Section III. Bid Data Sheet**
Please see attached Revised Bid Data Sheet
- b. Section VI. Specifications**
Please see attached Revised Specifications
- c. Section VIII. Bill of Quantities**
Please see attached Revised Bill of Quantities

This Supplemental Bid Bulletin including Annexes, if any, shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith is hereby amended, modified, and superseded accordingly.

For guidance and information of all concerned.

Issued this 26th day of November 2021 in Quezon City.

(SGD)VIOLETA M. VALDERRAMA, MD
BAC, Chairperson

Received by: (PLS SIGN) _____

Bidder's Name: (PLS PRINT) _____

Date: _____



Revised Section III. Bid Data Sheet

ITB Clause	
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: “ <i>New Installation or Replacement of Diesel Engine Generator Set</i> ”
5.4	<p>The following persons/entities shall be allowed to participate in this Project:</p> <ul style="list-style-type: none">a) Duly licensed Filipino citizens/sole proprietorships; orb) Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60 %) of the interest belongs to citizens of the Philippines; orc) Corporations duly organized under the laws of the Philippines, and of which at least sixty percent (60%) of the outstanding capital stock belongs to citizens of the Philippines; ord) Cooperatives duly organized under the laws of the Philippines; ore) Persons/entities forming themselves into a joint venture, i.e., a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Subject to Executive Order No. 65 (EO 65), s. 2018. (Correlate with Clause 10.1 (g) and Clause 10.3 of the BDS) <p>NOTE: the persons/entities enumerated above may participate in competitive bidding if he has been issued a license by the PCAB to engage or act as a contractor. (Please see 23.4.2.1)</p> <ul style="list-style-type: none">f) Foreign bidders may be eligible to participate in the procurement of Infrastructure Projects when provided for under any Treaty or International or Executive Agreement as provided in Section 4 of the Act and this IRR; (Please see 23.4.2.2)g) The prospective bidder must have completed an SLCC that is similar to the contract to be bid, and whose value, adjusted to current prices using the PSA consumer price indices, must be at least fifty percent (50%) of the ABC to be bid.(Please see 23.4.2.3) Correlate with Clause 10.1 (f) of the BDS. <p>The SLCC shall be supported by an Owner’s Certificate of Final Acceptance issued by the project owner other than the contractor or a final rating of at least Satisfactory in the Constructors Performance Evaluation System (CPES). In case of contracts with the private sector, an equivalent document shall be submitted.(Please see 23.4.2.5)</p>



	<p>h) The computation of a prospective bidder's NFCC must be at least equal to the ABC to be bid. (Please see 23.4.2.6) Correlate with Clause 10.1 (i) of the BDS.</p>
7.1	Sub-Contracting Shall Not Be Allowed
10.1	<p>Section IX. Checklist of Technical and Financial Documents.</p> <p><u>Legal Documents</u></p> <p>(a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);</p> <p><u>or</u></p> <p>(b) 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;</p> <p><u>and</u></p> <p>(c) Valid 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;</p> <p><u>and</u></p> <p>(d) Valid Tax Clearance Certificate per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).</p> <p><u>Technical Documents</u></p> <p>(e) Notarized 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;</p> <p><u>and</u></p> <p>(f) Notarized Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;</p> <p><u>and</u></p> <p>(g) Valid and Appropriate Philippine Contractors Accreditation Board (PCAB) License;</p> <p><u>or</u> Special PCAB License in case of Joint Ventures; (Correlate with 10.3)</p>



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	<p><u>and</u> registration for the type and cost of the contract to be bid; (Please refer to Clause 10.3 for details)</p> <p><u>and</u></p> <p>(h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; <u>or</u> Original copy of Notarized Bid Securing Declaration;</p> <p><u>and</u></p> <p>(i) Project Requirements, which shall include the following:</p> <p>(i) Duly accomplished and signed Specifications using the form as provided for in Section VI;</p> <p>(ii) Organizational chart for the contract to be bid;</p> <p>(iii) List of contractor’s key personnel (e.g., Electronics and Communication Engineer and Construction Safety and Health Officer), to be assigned to the contract to be bid, with their complete qualification and experience data;</p> <p>(iv) List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be;</p> <p><u>and</u></p> <p>(j) Original duly signed Omnibus Sworn Statement (OSS);</p> <p><u>and</u></p> <p>if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative;</p> <p><u>or</u></p> <p>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> <p><u>Financial Documents</u></p> <p>(k) The prospective bidder’s Audited Financial Statements, showing, among others, the prospective bidder’s:</p> <p>“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;”</p>
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	<p style="text-align: center;"><u>and</u></p> <p>(l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).</p> <p style="text-align: center;"><i>Class "B" Documents</i></p> <p>(m) If applicable, duly signed Joint Venture Agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;</p> <p style="text-align: center;"><u>or</u></p> <p>duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.</p> <p style="text-align: center;">FINANCIAL COMPONENT ENVELOPE</p> <p>(n) Original of duly signed and accomplished Financial Bid Form; <u>and</u> <i>Other documentary requirements under RA No. 9184</i></p> <p>(o) Original of duly signed Bid Prices in the Bill of Quantities; <u>and</u></p> <p>(p) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid including estimated yearly operating expenses (OPEX) based on their offered design or system. The excess power consumption (excluding lighting) that will be utilized over their submitted OPEX, shall be charged to the winning bidder; <u>and</u></p> <p>(q) Cash Flow by Quarter.</p>
10.3	<p>i. A current and valid PCAB License for Government Projects</p> <p>i. Specialty – Mechanical Work</p> <p>ii. In case of Joint Ventures (JV), a valid Special PCAB License, and registration for the type and cost of the contract for this Project. Provided, that at least one (1) of the JV partners must possess all the above Classification and Category pursuant to GPPB NPM. 0623-2009 dated November 27, 2009)</p>
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <p><u>Key Personnel</u></p> <p>a. Mechanical Engineer</p> <p>a. Licensed Mechanical Engineer</p> <p>b. At least three (3) years of experience in handling Generator Set installation</p>



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	<p>b. Construction Safety and Health Officer/Engineer</p> <p>a. Must be a DOLE Accredited Safety Officer</p> <p>c. At least three (3) years of experience in handling Generator Set installation</p>						
10.5	<p>The minimum major equipment requirements are the following (if applicable):</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Equipment</th> <th style="width: 33%;">Capacity</th> <th style="width: 33%;">Number of Units</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Equipment	Capacity	Number of Units			
Equipment	Capacity	Number of Units					
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ol style="list-style-type: none"> 1. The amount of not less than 2% of the ABC if bid security is in cash, cashier's/s/manager's check, bank draft/guarantee or irrevocable letter of credit; 2. The amount of not less than 5% of the ABC if bid security is in Surety Bond. 						
16	<p>Each Bidder shall submit one original copy and copy 1 of the first and second components of its Bid arranged, numbered, tabbed in a soft book binded folders.</p> <div style="text-align: center;"> <p>SEALING AND MARKING OF BIDS (Two-Envelope System)</p> </div>						
19.2	<p>Partial bids shall not be allowed.</p>						
20	<p>Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit:</p> <ol style="list-style-type: none"> (a) Original/Certified true copy of Latest income and business tax returns and paid through the BIR Electronic Filing and Payment System (eFPS) or manual/bank payment; (b) Original/Certified true copy of other appropriate licenses and permits required by law and stated in the Bidding Documents. (c) Original/Certified true copy of Bureau of Internal Revenue (BIR) Registration Certificate or equivalent for foreign bidder; 						



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	<p>(d) Certified True Copy of the latest General Information Sheet (GIS) duly filed and received by SEC, or equivalent for foreign bidder;</p> <p>(e) Certificate of PhilGEPS Registration (Platinum Member);</p>
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as construction schedule and S-curve, manpower schedule, construction methods, equipment utilization schedule, construction safety and health program approved by the DOLE, and other acceptable tools of project scheduling.
21.1	<p>The LCB shall submit the following additional documents in two (2) sets within a non-extendible period of five (5) calendar days from receipt of the notification.</p> <p>I. <u>Documents from the Bidder:</u></p> <ol style="list-style-type: none">1. Contracting Company's Profile (using NKTi Template);2. Certificate of Site Inspection issued by NKTi-General Services Division (GSD);3. Certificate of guarantee that the prospective bidder has been in the local market for at least five (5) years in distributing heavy equipment or machinery such as generator sets and specialized in the installation, testing, commissioning and servicing of generator sets;4. Certificate of Warranty for five (5) three (3) years on unit, parts and service;5. Certificate of guarantee that the prospective bidder shall conduct training and seminar for operation, maintenance, and troubleshooting on site to Engineering Personnel with certification;6. Certificate of guarantee that the Prospective bidder shall conduct quarterly preventive maintenance with calibration and certification or service report within the warranty period;7. Certificate of guarantee that the service response time of Service Engineer or Technician is within 24 hours upon notification; even on weekends and holidays;8. Personnel Requirement:<ol style="list-style-type: none">i. Mechanical Engineer<ol style="list-style-type: none">a. Licensed Mechanical Engineerb. At least three (3) years of experience in handling Generator Set installationii. Construction Safety and Health Officer/Engineer<ol style="list-style-type: none">a. Must be a DOLE Accredited Safety Officer



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b. At least three (3) years of experience in handling Generator Set installation

II. Documents from the Principal/Manufacturer:

9. Certificate of Original Equipment Manufacturer or Authorized Distributor of the proposed brand of equipment. Distributor shall submit Certificate of Distributorship for the brand of equipment offered;
10. With valid applicable Manufacturer's ISO Certification or its equivalent;
11. Certificate that the equipment, materials and devices are brand new, latest, unused, free from defects and not a discontinued model.

Revised Section VI. Specifications

I. EQUIPMENT SPECIFICATIONS:

Particulars	Requirements
Generator Set	<ul style="list-style-type: none"> ● Diesel Engine, Open Type, In-Line type, four (4) cycle, water-cooled, turbocharged and after-cooled ● Fuel Efficiency (within the range of 170-210 L/hr at Full Load) ● 24Vdc Starting Voltage ● Capacity: 750KW (938KVA) – must fit-in to the existing concrete pad within the powerhouse (in case of modifications all costs shall borne by the contractor's expense)
Alternator	<ul style="list-style-type: none"> ● 4-pole, revolving field, Class H Insulation, Permanent Magnet Generator exciter ● 480Vac, 60 Hz, three (3) phase, 1800 RPM ● Voltage Regulation (No Load to Full Load): $\pm 0.5\%$ to $\pm 1\%$ ● Frequency Regulation: Isochronous
Accessories and Features	<p>Note: The Generator Set shall be supplied with genuine accessories but not limited to the following:</p> <ul style="list-style-type: none"> ● Generator Set Controller ● Radiator with Fan ● Battery Charging Alternator ● Battery Charger ● Residential Muffler ● Exhaust Bellows and fixing kit ● Base rails, Skid Base with anti-vibration mounts ● Electric Starter

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>

	<ul style="list-style-type: none"> ● Air Cleaner ● Fuel Filter ● Lubricating Oil Filter ● Batteries and battery cables ● Consumables such as engine lube oil, coolant, and battery solution ● Automatic Transfer Switch (ATS) – same brand with the generator unit <ul style="list-style-type: none"> ➤ Change-Over Switch Type ➤ LED Indicators ➤ Digital/Analogue Meter Display ➤ Manual/Off/Automatic Switch ➤ With Manual Operation ➤ Under/Over Voltage ➤ Under/Over Frequency ➤ Voltage Imbalance ➤ Phase Loss ➤ Phase Rotation
<p>Generator Set Controller</p>	<ul style="list-style-type: none"> ● Same brand with the Generator Unit ● Suitable for Future Generator Set Paralleling Applications ● Interoperable with the existing generator set for future Synchronization ● Graphic LED with LCD Backlight ● Digital Power Transfer Control ● Digital Frequency Synchronization and Voltage Matching ● Isochronous Load Share ● Digital Voltage Regulation ● Alternator Over-current Protection ● Genset Monitoring and Metering ● Engine Starting ● Configurable Inputs and Outputs

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>

	<ul style="list-style-type: none"> Fuel Level, for DENR and Permit to Operate (PTO) reportorial requirements
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II. SCOPE OF WORKS:

The Prospective Bidder shall:

Supply, deliver, install, testing and commissioning the equipment, materials and accessories procured by NKTi in accordance with the technical specifications and the general terms and condition.

1. Be responsible for the application for the Permit to Install and Operate at DENR-EMB NCR in compliance with RA 8749 also known as Clean Air Act of 1999, including Smoke Emission Test from DENR accredited Laboratory, **ALL EXPENSES SHALL BE BORNE BY THE WINNING BIDDER.**
2. Use due care and diligence in removing, replacing, adjusting, cutting, drilling, and installing any equipment. Should any damage due to the execution of work occur to the existing or adjacent facilities, utilities, and equipment, shall repaired/restored or replaced by the Contractor without charge. Coordinate with the General Services Division (GSD) for the schedule of works and issuance of work permit. **Dismantled units shall be enclosed with appropriate crates.**
3. Dismantle and haul-out the existing 500KW and 440KW Cummins Diesel Engine Generator Sets and accessories (KTTA19G2, ESN: 37138470) and (VTA1710GS, ESN: 37105773) to the location specified by the GSD. Submit detailed list of waste materials to GSD.
4. Deliver the required equipment, materials, and consumables, specified in the Bill of Quantities to Warehouse for inspection. The equipment and materials delivered shall meet all requirements of the Purchase Order. In order to expedite the inspection and testing of equipment and materials, the Contractor shall notify in writing the end-user prior to delivery. The Contractor shall conduct preliminary meeting with the GSD regarding logistics requirement.
5. Deliver all equipment, materials and consumables, in a secure packaging and be handled in such manner as to prevent them from any damage. The end-user has the right to refuse/reject any deliveries which has damage/defects and fails to comply with the required specifications. The Contractor shall replace it with a brand new unit. Repair of such is not acceptable.
6. Install the equipment and all required accessories for a complete functional system. The Contractor shall be held to have examined the site/facilities and equipment, deemed to have been satisfied as to the condition of the existing site at the time estimating the work before bidding. Certificate of site inspection shall be issued by NKTi-GSD.
 - a. Deliver, unload, lift, haul, rig, position, and align the equipment to the designated powerhouse.

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>

- b. Fabricate and install the Exhaust Muffler and Pipe with DENR ports complete with necessary hangers and supports including the rock wool insulation and aluminum cladding within the powerhouse.
 - c. Fabricate and install the Radiator Ducting with canvass isolator complete with necessary brackets and supports.
 - d. Install the genuine (as per manufacturer's standard issue) Automatic Transfer Switch (ATS) as including layout, installation of new cable trays and cables (*sized according to the capacity of the generator set*) from generator set to ATS complete with necessary terminal lugs, bolts, and nuts.
 - e. Connect the generator fuel line to the existing Fuel Day Tank within the powerhouse.
 - f. Provide all necessary consumables for the fabrication and installation of local works.
7. Installation shall be supervised by a Licensed Mechanical Engineer and Safety Officer accredited by DOLE.
 8. Conduct start-up, testing (no load and with load), and commissioning of the new generator set.
 9. Conduct training and seminar for operation, maintenance, and trouble shooting at site to customer's engineering personnel. A certificate of training shall be issued to the attendees.
 10. Conduct Preventive Maintenance (PM) every first week of the quarter and submit PM report to GSD during the **Five (5) Three (3)** Year Warranty Period.

III. CONTRACTOR AND MANUFACTURER ELIGIBILITY

The Prospective Bidder shall:

1. Be the Original Equipment Manufacturer or Authorized Distributor of the proposed brand of equipment. Distributor shall submit Certificate of Distributorship for the brand of equipment offered.
2. Be a registered supplier, dealer/distributor of heavy equipment or machinery such as generator sets and specialized in the installation, testing, commissioning, and servicing of generator sets. Company existence shall be at least five (5) years in the local market.
3. The equipment manufacturer shall be ISO Certified or its equivalent.

IV. EQUIPMENT AND MATERIALS SPECIFICATIONS

1. All equipment and materials must be brand new and will be inspected, tested and must be compliant to requirements as stated below before final acceptance by the end-user.

CONFORME:
(Company Name)
(Name and Signature of Authorized Representative)

2. All equipment and materials must be delivered according to material specification with label marked, stamped, printed into its body or packaging.
3. All equipment and materials not conforming to the technical specifications/requirements at the time they are delivered shall not be accepted.
4. All equipment, materials, devices, installation, and workmanship. shall conform to the provisions of one or more of the latest editions of the following standards whichever is applicable:
 - A. Underwriters Laboratories, Inc. (UL2200)
 - B. National Fire Protection Association (NFPA110)
 - C. National Electrical Manufacturer's Association (NEMA)
 - D. Philippine Electrical Code (PEC)
 - E. International Organization for Standardization (ISO 8528)

All equipment, materials and devices shall comply with the following specifications, and all materials which are not specified shall be of the best of their respective kind. All electrical equipment, appliances, fixtures, and devices shall be the latest of the current year in design, material and workmanship, and shall be the type or model called for in these specifications. Samples/Brochure complete with product data/specifications of the equipment, material, and devices shall be submitted for approval as required by the End-user prior to purchase. Shop drawings or specification sheet showing detailed equipment technical specifications, features, dimensions and construction details for manufactured/assembled equipment shall be provided for approval by the end-user prior to fabrication.

V. WARRANTY/GUARANTEE

The Winning Bidder shall warrants equipment, parts, services, and workmanship at least **Five (5)** ~~Three (3)~~ years from the date of final testing and commissioning. The Contractor shall also guarantee that all material, parts, equipment, and workmanship are brand new and free from factory defects. Contractor shall also provide quarterly maintenance service of the unit during the warranty period and shall submit the maintenance checklist.

VI. SUBMITTALS

The Project Proponent **Winning Bidder** shall submit the following (Hard and soft copy) upon completion of project:

- a. Operations and Service Manual (Generator Set Controller)
- b. Operations and Service Manual (Automatic Transfer Switch)
- c. Operations and Maintenance Manual (Engine)
- d. Installation, Service and Maintenance Manual (AC Generators)
- e. Parts Catalogue (Generator Set Controller & Engine)
- f. Generator Factory and Field Test Report/Certificate
- g. Tool Set
- h. Warranty Certificate

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>

VII. PROJECT COMPLETION

Delivery, installation, testing and commissioning shall be within one hundred fifty (150) Calendar Days from receipt of Notice to Proceed. Contractor to provide GANTT Chart for the 150 calendar day.

VIII. TESTING AND COMMISSIONING

Testing and commissioning shall include start-up, verification of proper installation, system initiation, adjustments, alignment and fine tuning by the Manufacturer or Exclusive Distributor/Local Subsidiary. A start-up report outlining equipment performance shall be provided to the end-user's representative after its completion.

<p>Conforme:</p> <p>Name: _____</p> <p>Legal Capacity: _____</p> <p>Signature: _____</p> <p>Duly authorized to sign the Bid for and behalf of: _____</p>

CONFORME:
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>

Revised Section VIII. Bill of Quantities

Item No.	Particulars	UOM	QTY.	Approved Budget Cost					Approved Budget Cost				
				Unit Cost	A. Total Material Cost	B. Total Labor and Equipment Cost	C. Total Indirect Cost	(A+B+C) Total ABC for the item inclusive VAT	Unit Cost	A. Total Material Cost	B. Total and Equipment Cost	C. Total Indirect Cost	(A+B+C) Total ABC for the item inclusive VAT
I. Equipment													
1.1	Standby Generator Set, Diesel engine, 750KW (938KVA), 480Vac, 60Hz, 3-Phase, 1800 Rpm, complete with accessories	2	units	8,000,000.00	16,000,000.00	2,400,000.00	4,048,000.00	22,448,000.00					
1.2	Delivery, unloading, lifting, hauling, rigging, aligning, equipment rental and positioning of generator set to designated power center and fuel line connection from generator set to existing fuel day tank. (for two (2) units)	1	lot			400,000.00	88,000.00	488,000.00					
II. Exhaust and Cooling System													
2.1	Supply, fabrication and installation of exhaust muffler & pipe with DENR ports complete with hanger & supports, including 50mm thick rockwool insulation, aluminum cladding and consumables. (for two (2) units)	1	lot	350,000.00	350,000.00	105,000.00	100,100.00	555,100.00					
2.2	Supply, fabrication & installation of radiator Ducting maximum 1.5 meters with canvass isolator, hanger, supports & consumables. (for two (2) units)	1	lot	100,000.00	100,000.00	10,000.00	24,200.00	134,200.00					

III. Electrical Works												
3.1	Supply and installation of 1600A Automatic Transfer Switch (ATS) including layout & termination of power, control cables and trays from Generator to ATS complete with conduit, terminal lugs, bolts, nuts, hangers and supports. <i>(for two (2) units)</i>	1	lot	2,000,000.00	2,000,000.00	200,000.00	484,000.00	2,684,000.00				
IV. Delivery, Unloading, Lifting, Hauling, Rigging and Positioning												
4.1	Delivery, unloading, lifting, hauling, rigging, aligning and positioning of automatic transfer switch to designated power center. <i>(for two (2) units)</i>	1	lot			150,000.00	33,000.00	183,000.00				
V. Dismantling and Restoration Works												
5.1	Dismantling of the existing units and obstructions on the power centers, for the access and hauling of units to the designated locations including restoration works. <i>(for two (2) units)</i>	1	lot			100,000.00	22,000.00	122,000.00				
VI. Others												
6.1	Mobilization/Demobilization, Project Management, Shop Drawings/As Built Plans, Permit to Operate (DENR), Start-up, Testing and Commissioning. <i>(for two (2) units)</i>	1	lot	500,000.00	500,000.00	50,000.00	121,000.00	671,000.00				
TOTAL						18,950,000.00	3,415,000.00	4,920,300.00	27,285,300.00			

A. MATERIAL COST 18,950,000.00

B. LABOR COST 3,415,000.00

C. INDIRECT COST 4,920,300.00

TOTAL PROJECT COST (A+B+C) 27,285,300.00 (VAT INCLUSIVE)

Note: The bid offer shall not exceed the cost per category stated above.

Printed Name of Company

Signature

Address

Printed Name and Designation