



NATIONAL AGRICULTURAL MARKETING AND DEVELOPMENT CORPORATION

"Taking Trinidad and Tobago Foods to the World"

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22nd July, 2026

Dear Proponent,

Re: Request for Proposal for the Supply and Installation of Standby Generator, ATS and associated works at the Norris Deonarine Northern Wholesale Market under PSIP Project #003/01/I/346 – Wholesale Market Upgrade at Macoya

The National Agricultural Marketing and Development Corporation (NAMDEVCO) invites suitable contractors to submit sealed proposal for:

**The Supply and Installation of
Standby Generator, ATS and associated works at the
Norris Deonarine Northern Wholesale Market**

1.0 THE PROCURING ENTITY

The National Agricultural Marketing and Development Corporation (NAMDEVCO) is a statutory body established by Act of Parliament No. 16 of 1991. Its mandate is to “create, facilitate, and maintain an environment conducive to the efficient marketing of agricultural produce and food products through the provision of marketing services and the stimulation of business investment in the agro-industrial sector of Trinidad and Tobago.” NAMDEVCO offers technical support for the development of successful production practices, post-harvest handling, value-added processing, cold chain management, storage, and marketing systems.

In addition to its core services, NAMDEVCO manages several wholesale markets across Trinidad, including the Norris Deonarine Northern Wholesale Market in Macoya. This facility plays a critical role in supporting the agricultural sector of Trinidad and Tobago, serving as a key hub for numerous stakeholders on a daily basis.

To ensure the continued operation of a modern, safe, and efficient facility, **the installation of an electrical generator is essential.** This generator will provide reliable power during outages, particularly in light of the unpredictable effects of climate change.

2.0 TERMS OF REFERENCE

2.1 Scope of Services

The National Agricultural Marketing and Development Corporation (NAMDEVCO) proposes the installation of Standby Electrical Power Generator Equipment, and associated ancillary works, to its Macoya Site.

All information inclusive of shop drawings and brochures are to be submitted with the proposal. A brief summary of the works shall include the following:-

- Preliminary works.
- Mechanical / Electrical Provisions.
- Completion of builders work and ancillary works.
- Common Infrastructure.
- Supply and Installation of new 100 kW Standby Generator on existing concrete plinth on site.
- Supply and installation of ATS and isolators as specified.
- Obtaining final Inspection certificates, production of single line diagram, Generator Licence, and payment of all applicable fees.
- All other works described herein and/or shown on the drawings as well as on the detailed Bill of Quantities.

General Notes:

The successful proponent shall be responsible for:-

- 1. Referring to all plans and specifications for other trades for details of facilities and equipment construction which affect the work covered under this section.*
- 2. Furnishing, installing and commissioning the Electrical Standby Power System*
- 3. Avoiding any interruption and delays within the facility whilst coordinating electrical works with site representative.*
- 4. Installing all materials, fixtures and fittings in a workmanlike manner.*
- 5. Furnishing and installing all incidental items not specifically shown or specified which are required by good practice to provide the complete systems specified therein.*
- 6. Unless otherwise indicated, provide all first-quality new materials free from any defects, in first class condition, and suitable for the place provided. Provide materials approved by the UL wherever standards have been established by that Agency.*
- 7. Provide materials and equipment, which are the standard products of manufacturers regularly engaged in the production of such materials fixtures and equipment. Provide the manufacturers latest standard design that conforms to these specifications.*
- 8. Prior to submitting a Tender / Proposal, visit project site and ascertain conditions affecting the proposed work, and making allowances to the cost thereof.*
- 9. All builders work as directed by the Corporation.*

2.2 Requirements & Specifications**Intent of Plans**

Plans are partly diagrammatic and are intended to show circuiting and switching details which shall be exactly as shown. The exact circuit locations are not shown, unless so indicated or specifically dimensioned. One line and riser diagrams are schematic and do not show physical arrangement of equipment and fixtures.

Fixtures/Fitting and Materials Submittals

Manufacturers trade names and catalogue numbers stated herein are intended to indicate the type and quality of fittings/fixture or materials desired. Unless substitute is specifically forbidden,

proposed alternatives may be submitted for approval.

The contractor shall make requests for approval in writing to the engineer and provide sufficient material or data to allow determination of compliance with the contract documents. Any proposed deviations from these contract documents shall be listed.

Inspection

All materials and workmanship are subject to inspection at any time by the engineer or his representatives. The contractor shall correct any work or materials not in accordance with these contract documents or found by the engineer to be deficient or defective, at no additional cost to the owner.

Codes, Permits and Regulations

Unless otherwise specified, the contractor shall do all work and install materials, fixtures/fittings and equipment in full accordant with the latest applicable rules, requirements, regulations and specifications of the following:-

- 1) Trinidad and Tobago Electrical Wiring Code: Part 1: Low Voltage Installations.
- 2) IEE regulations for the Electrical Equipment of Buildings.
- 3) National Electrical Code (NEC)
- 4) Underwriters Laboratory (UL)

In the event that there is any conflict between the wiring code of Trinidad and Tobago and any other related standard, the requirements laid down in the Wiring Code of Trinidad and Tobago shall take precedence.

BASIC MATERIALS AND METHODS

Conduits:

- Conduits for electrical work shall be rigid Polyvinyl Chloride (PVC), schedule 40. These conduits shall be suitable for concrete encasement, direct burial underground and exposed use.

- No conduit smaller than 1/2 inch shall be used. The ends of all conduit shall be carefully reamed out free from burrs before installation.

All cuts shall be made square. In the case of PVC conduits all joint shall be solvent welded with solvent recommended by the manufacturer. During installation, all conduits, all unfinished runs and termination in pull boxes, cabinets, etc., shall be capped in an approved manner. Caps should be left in place until ready for installation of conduits. There shall be no more than three (3) 90 degrees bends or eighty (80) feet of continuous run without pull boxes.

Isolators:

Furnish and install safety switches as indicated on the drawings or as required. All disconnect switches shall be NEMA 3 Type and UL listed. The switches shall be Non-Fused Disconnect Switches as shown or as required.

RACEWAYS**CONDUIT HANGERS AND SUPPORTS**

Conduit throughout the project shall be securely and rigidly supported to the building structure in a neat and workmanlike manner - parallel runs of horizontal conduit shall be grouped together on adjustable trapeze hangers. Support spacing shall not be more than 2.4m. Exposed conduit shall be support by one-hole, malleable iron straps, two-hole straps, suitable beam clamps, or split ring conduit hanger with support rod.

Single conduit 30mm and larger run concealed horizontally shall be supported by suitable beam clamps or split-ring conduit hangers with support rod. Multiple runs of conduit shall be group together on trapeze hangers. Vertical runs shall be supported by steel riser clamps.

Conduit 25mm and smaller run concealed above a ceiling may be supported directly to the building structure with strap hangers or No. 14 gauge galvanized wire provided the support spacing does not exceed 1200mm.

CONDUITS (PVC)

Where used, Conduits may be joined to each other or to accessories by permanent bonding of the two parts, by a weatherproof expansion joint or by thread joint. Elbows, bends, tees, shall be of the inspection type. PVC conduit tubing shall be fixed to boxes with sprouts by use of manufacturers approved fittings and the male portion twisted into it to ensure total coverage and a solid joint. No conduit smaller than 12mm internal diameter shall be used. All cuts shall be made square and done with a hacksaw. PVC conduit not exceeding 25mm diameter shall normally be bent cold using the manufacturers recommended springbender. A 90° bend shall have a radius of not less than four times the outside diameter of the tube.

During installation, all conduit, unfinished runs and terminations in pull boxes, cabinets, etc., shall be capped in an approved manner. There shall be no more than three 90° bends or 20ft. of continuous runs without pull boxes. PVC conduit shall be supported within 1200mm of each box, cabinet or other conduit termination. Conduit sizes referred to in these specifications are all given in TERMINAL diameters. An insulated earth continuity conductor shall be drawn into the conduit for all light and power wiring systems.

SURFACE RACEWAY

a) GENERAL

Surface raceways shall be continuous from outlet to outlet, junction box or approved fittings designed especially for use with raceways. All outlets shall be provided with approved terminal fittings which shall protect the insulation of the conductors from abrasion unless such protection is afforded by the construction of the boxes or fittings. Raceways shall be installed in an approved and workmanlike manner. Runs shall be parallel or at right angles to walls and partitions. Connections shall be made to other types of raceways in an approved manner with fittings manufactured for the purpose and application.

Where combination metal raceways, such as telephone and power circuits or signal, lighting and power circuits are installed, each system shall be run in separate compartments clearly identified and maintaining the same relative position throughout the system. The number of conductors

installed in any raceway shall be in accordance with the Electrical Regulations set out.

b) LAY-IN TYPES

Where specified approved "lay-in" type metal raceway shall be furnished and installed with the necessary complement of fittings such as elbows, tees, crosses, terminations, 3 junction boxes, receptacles and switch boxes, etc. This raceway shall be supported in place through holes in the back of base by wood screws, toggle bolts, expansion plugs or trawl drives.

The raceway shall be furnished with standard knockouts and with hanged covers for full channel access. Wires shall be held in place by fiber retaining clips.

CABLE TRAY

Cable Trays shall be of the type, depths and widths as indicated and shall be furnished in standard lengths complete with the required coupling accessories, elbows, tees, crosses, dividers, reducers, box connectors and cable dropout accessories. Tray assembly shall be rod supported from the building structure with corrosion-resistant material and anti-sway brackets where necessary. This support shall be independent of cables entering them. Approved cable-support means shall be fastened to through at 3m intervals on horizontal runs and at 1.2m intervals on vertical runs.

The cable support shall have suitable strength and rigidity to provide adequate support for all contained wiring and shall not have sharp edges, burrs, or projections injurious to the insulation or jackets of the wiring.

Trays shall be exposed and accessible except where passing through walls or floors. Where indicated, an approved tray cover shall be provided to protect conductors. All metal sections of cable supports and sittings must be bonded and effectively grounded to provide a continuous circuit for fault current.

LOW VOLTAGE CONDUCTORS

PVC insulated conductors in conduit shall be used or XLPE armoured cable in the larger sizes with 600 volt rating. No wire smaller than 2.5mm² shall be used except for signal control circuits. All receptacle circuits shall be wired with minimum 4.0mm² conductors unless otherwise scheduled or noted. All lighting circuits shall be wired with minimum 2.5mm² wire, but wire sizes shall be increased for longer runs in all cases limited the voltage drop from Panelboard to furthest outlet to within 2 1/2%. At least 2.4m of slack wire shall be left in every outlet box whether it be in used or left for future use.

All conductors and connections shall be test-free of grounds, shorts and opens.

CONDUCTOR TEMPERATURES

1. Feeders shall be rated at 75°C.
2. Branch circuits shall be rated at 75°C, except that branch circuits with conductor sizes 6.0mm² and smaller in dry location shall be rated at 60°C.
3. Special location - Conductors in special locations such as range hoods, lighting fixtures, etc., shall be as required by the NEC, local code, or as otherwise noted.

SHOP DRAWINGS

Shop drawings for lighting fixtures shall indicate each type together with manufacturers name and catalogue number, complete photometric data compiled by an independent testing laboratory, and type of lamp(s) to be installed. No fixtures shall be delivered to the job until approved by the Architect. If the electrical contractor submits shop drawings on a fixture for approval other than those specified by the Architect, the sample fixture will be returned to the electrical contractor. The decision of the Architect shall be final.

SPECIFICATIONS- STANDBY GENERATOR & AUTOMATIC TRANSFER SWITCH

Generator Set Rating

Standby KW – 100 KW Standby KVA – 120 KVA

Voltage – 115 / 230 Volts, 3 Phase Power Factor – 0.8

Frequency – 60 hertz

The specified standby KW shall be for continuous electrical service during interruption of the normal utility source.

These ratings must be substantiated by manufacturers standard published curves. Special ratings or maximum ratings are not acceptable.

The unit shall be weather- proof, sound-attenuated housing with self- contained diesel oil fuel tank.

MANUFACTURER: The unit shall be factory assembled and tested by manufacturer and shipped to site by authorized dealer having parts and service facility in Trinidad.

The Generator set shall be manufactured by Kohler or by another approved alternative such as F.G Wilson, Caterpillar, Onan.

The Generator set shall receive standard factory full load test. Prior to the acceptance of the installation, equipment shall be tested to full load, to show it free of any defects, that it will start automatically, and is fully protected from abnormal conditions of oil, water, over-speed and over-crank.

START-UP & INSTRUCTIONS: On completion of the installation, the start-up shall be performed by a factory trained dealer service representative. Operating and maintenance

instruction books shall be supplied upon delivery of the unit and procedures explained to operating personnel.

SPECIFICATION & DRAWINGS: The bidder shall furnish information showing manufactures model numbers, dimensions and weights for the generator set and major auxiliary equipment. Proposed deviations from the specifications shall be stated in the bid. The successful bidder shall submit copies of drawing and wiring diagrams for approval.

STANDARD CHARACTERISTICS: The generator shall be a three (3) phase, 60 hz, 0.8 power factor, single bearing, synchronous type with brushless excitation and be built to B.S.S. or NEMA Standards. Class "F" insulation shall be used on the starter and rotor, and both shall be further protected with 100% epoxy varnish impregnation to reduce **possible fungus or abrasion deterioration.**

REGULATOR: The generator mounted volts per hertz type regulator shall be provided to match the characteristics of the generator and engine. Voltage regulation shall be +/-2% from no load to full rated load. Readily accessible voltage drop, voltage level and voltage gain controls shall be provided. Voltage level adjustment shall be a minimum of +/-5%. The solid stated regular module shall be shock mounted and epoxy encapsulated for protection against vibration and atmospheric deterioration.

ENGINE: The engine shall be water-cooled incline or Vee-Type four-stroke cycle compression ignition diesel. It shall meet specifications when operating on No 2 domestic burner oil. The engine shall be equipped with fuel, lube oil, and intake air filters; lube oil coolers, fuel transfer pump, fuel priming pump, and gear driven water pump.

The engine governor shall maintain frequency regulation not to exceed 3% (1.8 Hertz) from no load to full rated load.

SAFETY AND ALARM DEVICES: Safety shut-offs high water temperature, low oil pressure,

over-speed, and engine over-crank shall also be provided.

An engine-mounted radiator with blower type fan shall be sized to maintain safe operation at 40 degrees C., maximum ambient temperature. The radiator shall be equipped for a duct adaptor flange. Air flow restriction from the radiator shall not exceed 0.5' H₂O.

The unit shall be mounted on a structural steel sub-base and shall be provided with suitable vibration isolators.

FUEL SYSTEM: Fuel Storage Tank -The baseframe fuel storage tank, gauges and valves shall form an integral part of the generator set. The capacity of the tank shall be for eight (8) hours continuous run.

An Engine-mounted fuel filter, fuel pressure gauge, and engine fuel priming pump shall be provided if the latter is required.

The contractor shall be responsible for the complete supply, installation and commissioning of the unit inclusive of the first complete filling of the fuel tank.

EXHAUST SYSTEM: Exhaust Silencer -Provide a critical or residential type silencer including flexible exhaust fitting for remote mounting, properly sized and installed, according to the manufacturers recommendation. Mounting shall be provided by the installing contractor as shown on the drawing. Silencer shall be mounted so that its weight is not supported by the engine. Exhaust pipe size shall be sufficient to ensure that measured exhaust back pressure does not exceed the maximum limitations specified by the generator set manufacturer.

INSULATION: The muffler and all indoor exhaust piping shall be lagged by the installing contractor to maintain a surface temperature not to exceed 150F. The insulation shall be installed so that it does not interfere with the functioning of the flexible exhaust fitting.

AUTOMATIC STARTING SYSTEM: Starting Motor-A 12 Volts DC electric starting system with positive engagement drive shall be furnished.

Automatic Controls - Fully automatic generator set start -stop controls in the generator control panel shall be provided. Controls shall provide pre-alarm for high water temperature and low oil pressure and shutdown for low oil pressure high water temperature, over-speed, over-crank, and one auxiliary contact for activating accessory items. Controls shall include a 30 second single cranking cycle limit with lockout.

Batteries - Lead acid storage battery set of the heavy-duty diesel starting type shall be provided. The battery set shall be of sufficient capacity to provide for one and one-half minutes total cranking time without recharging and shall be rated no less than 205 am-hours. A battery rack and necessary cables and clamps shall be provided.

Battery Charger -A current limiting battery charger shall be furnished to automatically recharge batteries. Charger shall float at 2.17 volts per cell and equalize at 2.33 volts per cell. It shall include over load protection, silicon diode full wave rectifiers, voltage surge suppressors, DC ammeter and fused AC input. AC input voltage shall be the same as generator output voltage. Amperage output shall be no less than 5 amperes.

GENERATOR CONTROL PANEL: Type - A Generator mounted NEMA 1 type vibration isolated dead front 14 gauge steel control panel shall be provided.

Equipment - Panel shall contain, but not be limited to, the following equipment:-

Voltmeter, 3 1/2 inch, 2% accuracy

Ammeter, 3 - 1/2 inch, 2% accuracy

Ammeter phase selector switch

Frequency meter, 3 1/2 inch, dial type

Automatic starting controls

Panels illumination lights and switch

Voltage level adjustment rheostat

Engine oil pressure gauge

Engine water temperature gauge

Dry contracts for remote alarms wired to terminal strips

Fault indicators for low oil pressure, high water temperature, Over-speed and over-crank. Four position function switch marked "auto", "manual", "off/reset" and "stop." Silence button for high water temperature and low oil pressure pre-alarm.

Control panel shall have the capacity of being mounted facing right, left, or rear and shall be positioned as shown on the drawings.

Automatic Transfer Switch:

The Automatic Transfer Switch shall be ASCO Series 300 115/230 volts, 3 phase, 60 Hz, 4 wire, 300Amps.

It shall have the following features:-

- i. Two Motor Operated Circuit Breakers mechanically and electrical interlocked. This is to ensure that one breaker opens prior to the other closing. Both breakers may be manually set in the open position at the same time. However, both breakers are not to be capable of being set in the closed position at the same time.
- ii. Under-voltage relays to direct power interruption on one or more phases on the Normal Supply. Relay(s) to be adjustable to 90% pickup and 70% for dropout.
- iii. Normal to Emergency Time Delay Relay(s) (0.2 - 180 sec continuously adjustable) to allow for timing contact for transfer from normal to emergency. This will also provide an over-ride for monitoring power fluctuations/voltages.

- iv. Emergency to Normal Time Delay Relay (45 sec- 25 min continuously adjustable) to allow for re-transfer load from emergency to normal after restoration of normal power.
- v. Engine cool-off (18 sec - 10 min continuously adjustable. Relay to permit generator to run unloaded after re-transfer.
- vi. Voltage and Emergency Sensing Relay, energized from emergency source and set to pick-up at 90% of rated voltage and frequency.
- vii. Auto-Test Selector Switch to operate as follows:-
 - Auto Position - full automatic operation
 - Test Position - Simulates an abnormal condition on normal source requiring transfer to operate. In test position load will be transferred to emergency and supplied from this source until selector switch is referred to auto position.
- viii. Unit to have at least two (2) Pilot lights - green to indicate Normal on, and yellow to indicate Emergency on.
- ix. Volt meters and Ammeters with attendant selector switches.

Equipment to be equipped with bypass to allow for Maintenance, etc.

INSPECTION AND TEST

At the time of the final inspection and test, all connections at panels and all splices etc., must be complete. All breakers must be in place, and circuits continuous from breakers to all receptacles, A/C Units etc., must be connected. Each entire wiring system must test free from short circuits and grounds and have an insulation resistance between conductors and ground based on maximum load not less than that required by the Government Electrical Inspectorate.

SYSTEM GROUNDING

The identified neutral wire of the interior wiring system shall be permanently ground. The grounded wire shall be connected to the supply side of the main circuit breaker and to an approved ground clamp and securely bonded to driven copper rods. The size of the ground conductors shall be in accordance with the code.

The conductors shall be protected from mechanical injury by rigid steel conduit to which the conductors shall be securely bonded. Conduit system as well as wire armour of cable shall be securely grounded to the above described ground wiring system. The whole shall be connected to driven copper rods.

GROUND ROD (ELECTRODE)

- a) Rod electrodes shall be not less than 15.6mm in diameter and of non-ferrous metal.
- b) Electrodes shall be buried at a depth of not less than eight ft 2.4m (NEC 250- 83 D).
- c) Where rock bottom is encountered at a depth of less than 1.2m, the electrodes shall be buried in a horizontal trench at least 10 feet long and at a depth of not less than 0.6m.
- d) Plate electrodes shall present not less than 0.2m² of surface to exterior soil. Electrodes of iron or steel plates shall be at least ¼" thick. Electrodes of non-ferrous metal shall be at least 0.06 in. thick (NEC 250-83 A).
- e) Each electrode shall be separated at least 1.8m. from any other electrode including those used for signal circuits, radio, lightning rods or any other purpose.
- f) Where separate electrodes are bonded together, the bonding conductors shall be installed so as not to be subject to mechanical damage.
- g) Each completed rod electrode shall be provided with an earth clamp for connection to the ground cable.

DAMAGES

1. The Contractor shall indemnify the owners and their agents from all liabilities including workmen's compensation and public liability.
2. The Contractor must give a completion deadline, after which period, the Contractor shall

pay to the owners liquidated damages in the sum of One Thousand Two Hundred Dollars (\$1200.00) per day for each day or part thereof beyond the given deadline. This damage will be deducted from monies owing the Contractor by the owner.

GUARANTEE

The Contractor shall guarantee the proper operation of the system for a period of not less than six (12) months from the date of official acceptance by the Architect or Owner. The Contractor shall promptly repair or replace at his own expense all materials found to be defective during the period of guarantee.

2.3 Site Location:

10.637792111111391, -61.38080733422323

Or Norris Deonarine Northern Wholesale Market located to the South of the Churchill Roosevelt Highway, Macoya, Trinidad and Tobago.



Figure 1 – Site Location



**Figure 1 – Existing Plinth to facilitate housing of New Generator –
Located near to the Main Entrance and Guard Booth area**

Professional Oversight and Project Methodology:

NAMDEVCO engages a team of skilled engineers with the expertise necessary to oversee all facets of this project. The successful proponent will be required to collaborate closely with NAMDEVCO's in-house professionals to supply and install the Standby Generator, Automatic Transfer Switch (ATS), and related components at the Norris Deonarine Wholesale Market, ensuring full compliance with the specified requirements. While NAMDEVCO's in-house team will provide oversight, the primary responsibility for the supply, installation, and associated documentation will rest with the selected proponent. Additionally, the successful proponent will be expected to implement any modifications or adjustments as directed by NAMDEVCO's professionals based on ongoing feedback.

2.4 Form of Contract

Letter contract (Simple proposal offer and acceptance) **or** any other simple form of contract provided by the proponent and accepted by NAMDEVCO.

2.5 Duration of Services

The supply, delivery and installation of the specified Standby Generator, ATS and associated works as per the bill of quantities **should not be more than 3.5 months.**

3.0 SUBMISSION REQUIREMENTS

The Proponent shall submit the following documents with its proposal, the contents of which shall be used to evaluate and award:

A. Minimum Eligibility Requirement

Suppliers should pay particular attention when submitting the following:-

1. Copy of Income Tax and Value Added Tax Clearance, **valid as at the deadline date for submission of proposal, or a letter of exemption from the Board of Inland Revenue.**

2. Copy of National Insurance Scheme Compliance Certificate, **valid as at the deadline date for submission of proposal, or a letter of exemption from the National Insurance Board.**
3. Proof of Registration with the Procurement Depository of Trinidad and Tobago, as established by the Office of Procurement Regulation (OPR).
 - **Procurement Depository Code: 26111601 – Diesel Generators**
4. Tenderer's Certificate of Registration/ Certificate of Incorporation/ Notice of Directors.

All documents must be valid up to or after **closing date of invitation to tender.**

Certificates issued in a name other than that used to submit the tender would result in the rejection of the tender.

B. Technical Requirements

- a) Company Profile, Organizational Structure of Project Team and Technical Competence.
 - Bidder must provide a company profile describing the company's core business in the last 5 years demonstrating their experience in the Supply and Installation of Stand-by Generators as well as similar works as per the requirements of this RFP.
 - A brief description of the Bidder's Project Team including the organizational structure of the Project Team.
 - Name and CV's of all persons mentioned on the project team who would be responsible for the implementation of project.
- b) Experience of similar nature.
 - Bidder to provide a minimum of 3 (three) completed projects comparable to the scope requirements as well as similar in contract amount. This list should include:
 - The year that the job was executed.
 - The Client that the job was performed for.

- The value of the job.
 - What about the job was similar to these works.
- Bidder to provide at least two (2) references **(written evidence)** of satisfactory performance in Supply and Installation Standby- Generators for past projects. These references should also include name of organization, point of contact including email and valid telephone contact, address and position.
- c) Equipment & Material specification.
- Bidder shall provide detailed product specifications / data sheets for the proposed Generator Set as well as the Automatic Transfer Switch (ATS) that meet the minimum specification requirements stated in the TOR section of this document.
- d) Method Statement.
- Detailed approach for execution of works (i.e. systematic process from procurement, delivery, installation and handover of works).
 - Supervision and monitoring strategy.
 - Quality management, HSE concerns, risks and mitigation strategies relative to all equipment and materials.
- e) Implementation Schedule.
- Works Program with major / critical activities and assigned dates.
 - Adherence / comparison to estimated completion time of not more than 3.5 months.
- f) Financial Capability, each tenderer is also required to submit the following:
- I. A statement advising whether there is any litigation affecting completion or operation of any project pending against the proponent, and if there is such litigation, name(s) of court(s) and incumbent(s).
 - II. A statement advising whether or not the proponent and/or any Joint Venture participants or any of their principals, officers, or directors have been involved in any bankruptcy

proceedings in the past seven (7) years.

III. A letter from a financial institution attesting to the financial capability of the firm.

IV. Audited Financial Statement (last three years).

V. Tenders that are not responsive to the requirements of the tender documents shall be rejected.

g) Warranty Period, Training and Handover Manuals

- Letter from supplier indicating warranty period of at least one (1) year on Stand-by Generator and ATS.
- Letter from bidder indicating that necessary training along with handover manuals inclusive of proposed line diagram for the proposed equipment set-up, will be provided to staff members.

C. Financial Proposal

The Financial Proposal shall comprise:

- 1) The Completed Form 1 – Form of Letter of Tender. (Form of Tender **MUST** be completed, duly signed and stamped) (**MUST PASS to be eligible for Evaluation**)
- 2) A letter confirming the Tenderer's acceptance of NAMDEVCO's proposed payment schedule for the Procurement of Equipment, as outlined below:

Payment Schedule:

- **Payment 1:** Twenty percent (20%) down payment.
- **Payment 2:** Seventy percent (70%) upon receipt of the equipment and handover of manuals, inclusive of commissioning, testing, and training.
- **Payment 3:** Ten percent (10%) upon completion of a three (3)-month period following the installation of the equipment.

- 3) Completed Bill of Quantities (duly signed and stamped).

3.1 Submission of Proposal:

One (1) Original and One (1) Copy **and** an electronic version (flash drive) of the written document in PDF of the Complete Tender Submission shall be submitted in separate packages marked "Original – Eligibility Document & Technical & Financial Proposal" and "Copy – Eligibility Document & Technical & Financial Proposal". Each Package shall also carry the name of the Tender:

**PSIP Project # 003/01/I/346 - Wholesale Market Upgrade at Macoya – The Supply and
Installation of Standby Generator, ATS and associated works at the Norris Deonarine
Wholesale Market.**

Within package 1, which shall be marked “Original”; there should be two (2) envelopes. The contents of each envelope shall be as follows:

Envelope One (1)

Proof of Eligibility – Place the original of the Tenderer's Eligibility Documents in Envelope One (1), clearly labeled "Original – Eligibility Documents".

Envelope Two (2)

Technical & Financial Proposal - The Original of the Technical and Financial Proposal shall be placed in a sealed envelope clearly marked "Technical & Financial Proposal", and labeled "Original – Technical & Financial Proposal".

Package 2, which shall contain the Copies, shall be similarly prepared and labelled “Copy”, with the 2 enclosed envelopes, appropriately labelled “Copy – Eligibility Documents” and “Copy – Technical & Financial Proposal”. The Electronic version of your submission should be placed in the envelope labelled “Copy – Technical and Financial Proposal”.

Envelopes 1 & 2 in each package, shall also be labeled as follows, with the name of the Tenderer clearly shown on the envelope:

PSIP Project # 003/01/I/346 - Wholesale Market Upgrade at Macoya – The Supply and Installation of Standby Generator, ATS and associated works at the Norris Deonarine Wholesale Market.

NAME of Tenderer:

All packages are to be deposited in the Tender Box bearing the label:

Tender Box No. 6: PSIP Project # 003/01/I/346 - Wholesale Market Upgrade at Macoya – The Supply and Installation of Standby Generator, ATS and associated works at the Norris Deonarine Wholesale Market.

Located at the lobby area of NAMDEVCO's Head Office, 3 ¼ MM S.S. Erin Road, Debe, Trinidad, and shall be deposited no later than **12:00 noon (AST) Wednesday 5th August, 2026.**

Tenderers are asked to note that the opening in the tender box is approximately 280mm wide by 65mm high and therefore should package all documentation accordingly.

3.2 Site Visit

NAMDEVCO shall facilitate a **MANDATORY** site visit on **Tuesday 28th July 2026 at 11:00am** at the **Norris Deonarine Northern Wholesale Market, Macoya.**

Note: Interested contractors are required to inform the corporation of their attendance at the mandatory site visit by contacting procurement@namdevco.com indicating the name and contact details of their representative.

4.0 EVALUATION CRITERIA

4.1 Eligibility Evaluation – Must Pass

4.2 Technical Evaluation

Tenderers Eligible for award must score an overall mark of at least 70%, and must attain a minimum of 50% on each item below, using the marking criteria below:

<u>Evaluation Criteria</u>	<u>Max Score</u>
Technical Requirements	
a. Company Profile, Organizational Structure of Project Team and Technical Competence. • Bidder must provide a company profile describing the company's core business in the last 5 years demonstrating their experience in the Supply and Installation of Stand-by Generators as well as similar works as per the requirements of this RFP. (4 marks) • A brief description of the Bidder's Project Team including the organizational structure of the Project Team. (3 marks) • Name and CV's of <u>all</u> persons mentioned on the project team who would be responsible for the implementation of • project. (3 marks)	10
b. Experience of similar nature • Bidder to provide a minimum of 3 (three) completed projects comparable to the scope requirements as well as similar in contract amount. (15marks).	20

Bidder to provide at least two (2) references (written evidence) of satisfactory performance in Supply and Installation Standby-Generators for past projects. These references should also include name of organization, point of contact including email and valid telephone contact, address and position. (5 marks)	
c. Equipment & Material specification Bidder shall provide detailed product specifications / data sheets for the proposed Generator Set as well as the Automatic Transfer Switch (ATS) that meet the minimum specification requirements stated in the TOR section of this document. (20marks)	20
d. Method Statement - Detailed approach for execution of works (i.e. systematic process from procurement, delivery, installation and handover of works). (8marks) - Supervision and monitoring strategy. (4 marks) - Quality management, HSE concerns, risks and mitigation strategies relative to all equipment and materials. (3marks)	15
e. Implementation Schedule - Works Program with major / critical activities and assigned dates. (8 marks) - Adherence / comparison to estimated completion time of not more than 3.5 months. (2 marks)	10
f. Financial Capability - Letter from Financial Institution. (6 marks) - Statement of bankruptcy and statement of litigation. (6 marks) - Audited Financial Statement (last three years). (3marks)	15

g. Warranty Period, Training and Handover Manuals - Letter from supplier indicating warranty period of at least one (1) year on Stand-by Generator and ATS. (5 marks) - Letter from bidder indicating that necessary training along with handover manuals inclusive of proposed line diagram for the proposed equipment set-up, will be provided to staff members. (5 marks)	10
<i>TOTAL Technical Evaluation (T)</i>	100

4.3 Financial Evaluation

- a) The financial bids of only the Tenderers, who have satisfied all the requirements as outlined in 4.1 and 4.2 above, will be considered for further evaluation.
- b) Contract will normally be awarded to the lowest responsive bidder subject to abnormally low bid protocols.

5.0 Tender Validity Period

- Tender offer shall remain valid until the expiration of 150 days from the date of this tender.
- Completion of declaration form.

6.0 Opening of Bids

- The Tender Box containing the response to the request for proposal will be opened at **a date to be notified** and will be subsequently evaluated at NAMDEVCO's office.

7.0 Limitations / Reservations

- NAMDEVCO reserves the right to accept or reject any or all Proposal without defraying any cost incurred by the interested party.
- NAMDEVCO reserves the right to cancel the present Request for Proposal in its entirety or even partially, without defraying any cost incurred by any Applicant.

8.0 Late Submissions

- Late submissions will **NOT** be considered under any circumstances. Any Tenders received after the deadline for submission will be returned unopened to the Tenderer. NAMDEVCO does not bind itself to accept the lowest or any tender.

9.0 Pricing and Payment

- All prices shall be considered to include all costs except VAT. All prices shall be deemed to include all incidental works arising out of existing site conditions. VAT, if applicable, must be separately stated in the financial bid.
- All prices and amounts shown on the Bills of Quantities, shall be expressed in Trinidad and Tobago dollars.
- Payment to be as per NAMDEVCO's proposed payment schedule **Section 3.0 C – Financial Proposal.**

10.0 Skill and Experience of Contractor

- Tenderers responding to this invitation to tender will be deemed to have the practical skill and experience required to perform in works of a similar nature.

11.0 Enquires

All enquiries regarding submission should be directed in writing to the Procurement Officer of NAMDEVCO via email at procurement@namdevco.com.

Your respectfully,

Nirmalla Debysingh

Nirmalla Debysingh

Chief Executive Officer

FORM 1: Form of Letter of Tender

Name of Contract: *PSIP Project # 003/01/I/346 - Wholesale Market Upgrade at Macoya – Request for Proposal for the Supply and Installation of Standby Generator, ATS and associated works at the Norris Deonarine Wholesale Market.*

To: The Procurement Officer
The National Agricultural Marketing
and Development Corporation (NAMDEVCO)
Head Office
3 ¼ mm S.S Erin Road, Debe

Gentlemen:

We, the undersigned, declare that:

1. We have examined and we have no reservations to the Tender Documents, including Addenda thereto issued in accordance with the Instructions to Tenderers.
2. In accordance with the Conditions of Contract, Employer's Requirements, Specifications, Fee Breakdown and Addenda Nos. [...] for the execution of the above-named Works, we offer to provide our Services in the sum of:
[.....]
(VAT Inclusive). **Sum to be expressed in both words and numbers, inclusive of VAT.*

3. We undertake, if our Tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Engineer's Notice to Commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Tender Document.
4. We agree to stand by this Tender for **One Hundred and Fifty (150) days** after date of submission, and it shall remain binding upon us and may be accepted at any time before that date.
5. Unless and until a formal Contract is prepared and executed, this Tender, together with your written acceptance thereof, shall constitute a binding contract between us.
6. We understand that you are not bound to accept the lowest or any Tender you may receive.
7. We certify that we and any subcontractor and subconsultants for any part of the Contract, do not have any conflict of interest and shall not be hired for any other assignment which by its nature may conflict with the services required for this project.
8. We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Dated this _____ day of _____ 20____

Signature in _____ the capacity of _____

Duly authorized to sign Tenders for and on behalf of

[in block capitals or typed)

Address:

Witness:

Address:

Occupation:

Company Stamp:

DECLARATION FORM

A. LITIGATION

1. Have you ever been convicted of any criminal offence in any jurisdiction?
☐ Yes ☐ No
2. Have any of the director(s) ever had a professional license suspended or revoked?
☐ Yes ☐ No
3. Has your organisation ever been the subject of any petition for bankruptcy?
☐ Yes ☐ No
4. Does your organisation have any judgments against you?
☐ Yes ☐ No
5. Does your organisation have any pending civil litigation matters?
☐ Yes ☐ No
6. Does your organisation have any pending criminal matters?
☐ Yes ☐ No
7. Has your organisation, or any organisation over which you have had control ever been the subject of any inquiry or investigation?
☐ Yes ☐ No

If you checked **Yes** to any of the above questions, kindly provide the key facts and decisions, including dates, relating to these matters on a separate page to be annexed to this document.

B. STATUTORY COMPLIANCE

1. Is your organisation in compliance with the **OSH Act 2004** (as amended) in the form of OSH requirement applicable to your organisation? Kindly provide details of the compliance with the most recent supporting documents.
☐ Yes ☐ No ☐ Not applicable

If no or not applicable is selected, please provide details:

2. Is your organisation in compliance with the Minimum Wages Act, Chap 88:04 (as amended)?
☐ Yes ☐ No ☐ Not applicable

If no or not applicable is selected, please provide details:

I/We.....make this declaration conscientiously believing the same to be true, and I/We am/are aware that if there is any statement in this declaration which is false in fact, which I/We know or believe to be false or do not believe to be true, I/We may be disqualified from the Tendering process or if awarded the Tender, the contract will be immediately terminated.

.....

Declarant Name

.....

Declarant Signature

.....

Date

Position:

Company Seal:



BILL OF QUANTITIES

NORRIS DEONARINE
NORTHERN WHOLESALE MARKET MACOYA
BILL OF QUANTITIES – STANDBY GENERATOR, ATS & ASSOCIATED WORKS
APPROXIMATE QUANTITIES

Item	Description	QTY		Material (TT\$)	Labour (TT\$)	TOTAL
1.0	PRELIMINARIES					
1.1	Provision of Necessary Insurances					
1.2	Provision of Necessary Supervision					
1.3	Provision of Necessary Plant					
1.4	Provision of Necessary Transport					
1.5	Compliance with the Government & Local Ordinance					
1.6	Provision of Guarantees & Warrantees					
	SUB TOTAL <i>carried to summary.</i>					
2.0	MECHANICAL/ELECTRICAL PROVISIONS					
2.1	Provision of Maintenance Manual, tags, charts, instructions					
2.2	Provision of system testing, adjusting, commissioning and demonstration					
2.3	Provision of cleaning and painting					
2.4	Provision of maintenance for the Defects Liability Period 12 months					
	SUB TOTAL <i>carried to summary.</i>					
3.0	BUILDERS WORK					
3.3	Miscellaneous Works as instructed by Engineer					
	SUB TOTAL <i>carried to summary.</i>					

NORRIS DEONARINE
NORTHERN WHOLESALE MARKET MACOYA
BILL OF QUANTITIES – STANDBY GENERATOR, ATS & ASSOCIATED WORKS
APPROXIMATE QUANTITIES

Item	Description	QTY		Material (TT\$)	Labour (TT\$)	TOTAL
4.0	COMMON INFRASTRUCTURE					
4.1	Apply for DCRC from T&TEC		L.S			
4.2	Remove Existing Cable in Main Board And Install In New 300Amp Isolator		L.S			
4.3	Supply and installation of 4c x 120mm ² Cu XLPE SWA from Isolator to ATS.	4	m			
4.4	Supply and installation of 4c x 120mm ² Cu XLPE SWA from ATS to MB.	4	m			
4.5	Supply and installation of 4c x 120mm ² Cu XLPE SWA from ATS to Generator.	10	m			
4.6	300A 3P Circuit Breaker in Enclosure	2	No			
4.7	7c x 2.5mm ² xlpe swa for Control and Battery Charger	10	m			
4.8	Miscellaneous Works	1	L.S			
	SUB TOTAL carried to summary.					
5.0	GENERATOR					
5.1	100 KW Generator complete (Industrial Diesel Generator Set – J100U_208 60Hz by KOHLER or an approved alternative)	1	No			
5.2	ASCO 300 Series ATS 230V 4 pole 300Amp	1	No			
	SUB TOTAL carried to summary.					
6.0	EARTHING					
	1/2" Ø x 8' Length Copper Ground Rod	1	No.			
	50mm ² Cu PVC insulated s/s	15	m			
	SUB TOTAL carried to summary.					

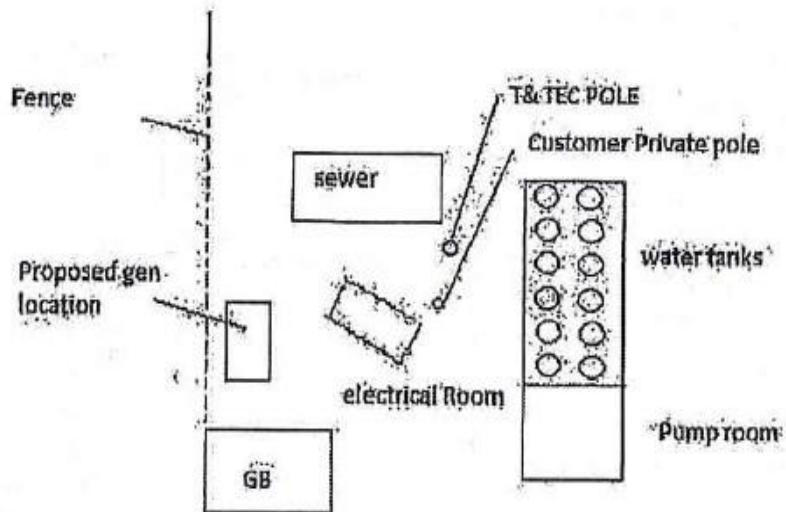
7.0	INSPECTION CERTIFICATE & GENERATOR LICENCE For Overall Facility, Allow for Work Associated with correcting issues raised by Electrical Inspectorate pursuant to obtaining Final Certificate and Generator Licence <u>inclusive of single line diagram</u> (Provisional) SUB TOTAL <i>carried to summary.</i>		L.S				

NORRIS DEONARINE NORTHERN WHOLESALE MARKET MACOYA
BILL OF QUANTITIES – STANDBY GENERATOR, ATS & ASSOCIATED WORKS
SUMMARY SHEET

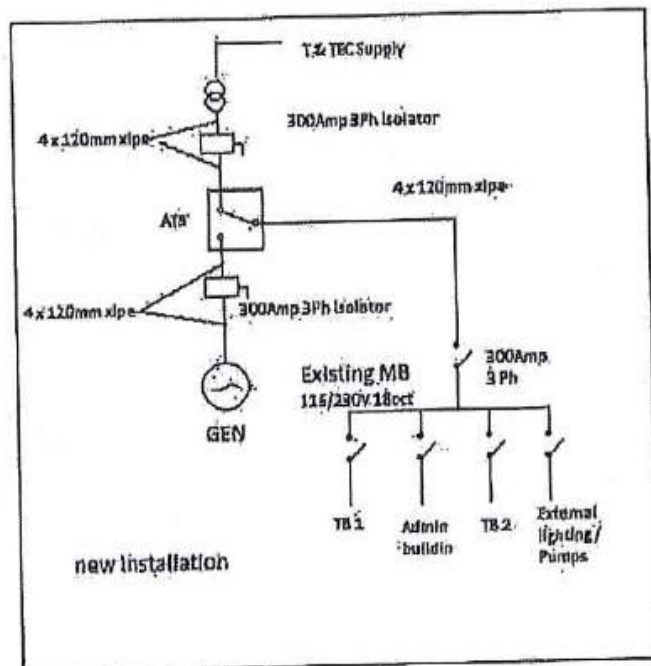
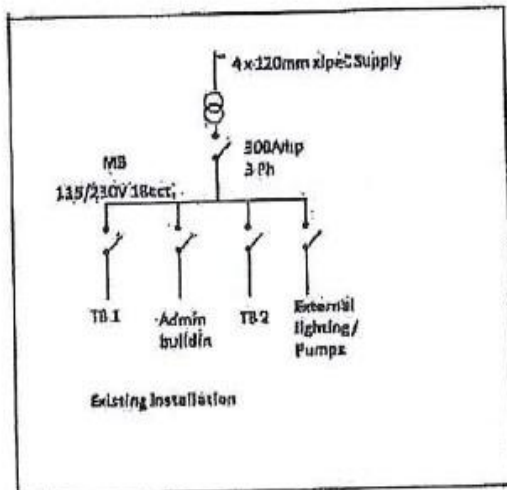
Item	Description	TRINIDAD & TOBAGO CURRENCY (\$TT)		
		Material	Labour	Total
		Gross Price	Gross Price	
1.0	Preliminaries			
2.0	Mechanical/Electrical Provisions			
3.0	Builders Works			
4.0	Common Infrastructure			
5.0	Generator, ATS Equipment &			
6.0	Earthing			
7.0	Inspection Certificate & Generator Licence (inclusive of single line diagram).			
	SUB TOTAL ITEM 1 to 7			
	10% CONTINGENCY			
	SUB TOTAL			
	12.5% VAT			
	TOTAL			

The Contingency sum to be used only as directed by the Engineer. Any unused sum to be deducted from the Contract Total.

DRAWINGS



NORTHERN WHOLESALE MARKET MACOYA
STANDBY GENERATOR, ATS, & ASSOCIATED WORKS
SK - 01 - SITE PLAN



NORTHERN WHOLESALE MARKET MACOYA **STANDBY GENERATOR, ATS, & ASSOCIATED WORKS** **SK- 02 - SCHEMATIC**