

**PROPOSAL FOR  
DESIGN, SUPPLY, FABRICATION, INSTALLATION, TESTING AND  
COMMISSIONING OF AN 800 m<sup>3</sup>/d POME BIOGAS-CAPTURE  
ANAEROBIC DIGESTER PLANT**

For

**PT. PERMATA HIJAU GROUP**  
Jl. Sultan Iskandar Muda, No. 107, Medan - 20154, INDONESIA

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**QUOTATION**  
(Ref: NVT-PHG/06/Q135 (Rev.4A))

**1.0 INTRODUCTION**

This proposal is for the design, supply, fabrication, installation, testing and commissioning of a POME (palm oil mill effluent) Anaerobic Digester (AD) Plant with a capacity of 800 m<sup>3</sup>/day for a 60-t FFB/hr palm oil mill of **Pt. Permata Hijau** based in Medan, North Sumatera, Indonesia. This proposal is prepared jointly by **Novaviro Technology Sdn Bhd** and **Watermech Engineering Sdn Bhd**. The project implementation will be undertaken fully by **Aquarius Systems (Malaysia) Sdn Bhd**, a joint venture company of **Novaviro** and **Watermech**.

The following benefits can be realized through the introduction of the POME AD plant:

1. Methane generated in the anaerobic digestion process as biogas will be recovered by means of the closed-tank complete-mixed anaerobic digester system. Methane recovery will contribute to greenhouse gas emission reductions and thus the project developer will be eligible for the Certified Emission Reductions (CER) credits under the Clean Development Mechanism (CDM) of the Kyoto Protocol. The sale of CER credits will generate substantial revenue for the project.
2. The biogas captured is of significant quantity and this can be utilised as a fuel for power generation, using for example a gas engine; or in boilers for the

*Signature*

## CONTRACT

This contract is concluded on 15<sup>th</sup> October 2006 in Medan, Indonesia

between:

**PT. PELITA AGUNG AGRINDUSTRI**

Jalan Iskandar Muda No. 107

Medan - 20154

North Sumatera

INDONESIA

(hereinafter called "the Buyer")

and

**AQUARIUS SYSTEMS (MALAYSIA) SDN BHD**

No. 11, Jalan TSB 8, Taman Industri Sg. Buloh

47000 Sg. Buloh, Selangor Darul Ehsan

MALAYSIA

(hereinafter called "the Seller")

Above parties hereto agree as follows:

1. SCOPE OF SUPPLY

The Seller hereby agrees to sell and supply to the Buyer and the Buyer hereby agrees to purchase and receive from the Seller

**PLANT FOR THE POME Biogas-Capture Anaerobic Digester System of  
800 m<sup>3</sup>/day**

**AS PER OFFER NO. NVT-PHG/06/Q135 (Rev. 4A) inclusive of  
commissioning.**

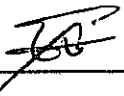
## 12. OTHER CONDITIONS


The Seller will provide to the Buyer all operation manuals, service and maintenance manuals, spare part manuals and related drawings, electrical drawings and all other documents, necessary for proper utilization and operation of the plant and also for further references.

The parties hereto represent and warrant that all corporate formalities relating to undertaking the performance of the obligations as herein envisaged and for the execution and delivery of this Contract have been duly performed and complied with.

**For the Buyer**  
PT. Pelita Agung Agrindustri

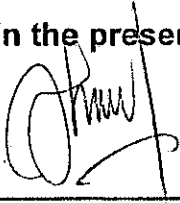
**For the Seller**  
Aquarius Systems (Malaysia) Sdn Bhd

  
Name: ROBERT  
Designation: MD.  
Date: 15/11 '06

  
Name: Dr. Tong Soo Loong  
Designation: Executive Director  
Date: 15 October 2006

AQUARIUS SYSTEMS (MALAYSIA) SDN BHD  
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**In the presence of:**

  
Name: SHONMY VIRHO  
Organisation: PHG  
Designation: Director  
Date: 15/11 '06

  
Name: Mr. Goh Eng Huat  
Organisation: Watermech Engineering S/B  
Designation: Managing Director  
Date: 15 October 2006

