


APPENDIX B2: CERTIFICATE OF SATISFACTORY EXECUTION –WORKS ONLY

<p>ACTIVITY (Title of Applicant Activity)</p>	<p>Contractor Entry: Works Contractor and PSCS</p>		
<p>SITE Construction contract: (Title & brief description)</p>	<p>Shannon Town Sewerage Scheme M&E Contract</p> <p>The project included for the civil, mechanical & electrical upgrades of 4 no. pumping Stations in Shannon, Co. Clare. The pumping stations were in a deteriorating state and were in urgent need of upgrading.</p>		
<p>Site location:</p>	<p>Shannon Town, Co. Clare: Pumping Station 2; Shannon Free Zone West Industrial Estate Drumgeely, Shannon , Co. Clare. Pumping Station 4A; Tullyvarraga, Shannon, Co. Clare. Pumping Station 5A; Slí na tSionaigh, Ballycaseymore, Co. Clare. Pumping Station 12; Tullyvarraga, Shannon , Co. Clare.</p>		
<p>Proportion of Project undertaken by the Applicant</p>	<p>100%</p>	<p>Tender entity (Sole trader/ Joint Venture):</p>	<p>Private Limited Company</p>
<p>VALUE Construction contract value at award stage including cost of services where applicable:</p>	<p>€1,100,000</p>	<p>Construction contract value at completion (including cost of services where applicable:</p>	<p>€1,100,000</p>
<p>GENERAL INFO Role of Company in delivery of Service:</p>	<p>Scope of Works</p> <p>The scope of the works included installation of pumps, pipework, macerators, electrical control panels, ESB Sub station, standby generator set and ancillary civil works.</p>  <p><u>Pumping Station No. 2:</u> <i>Flow rate; 240 l/s</i></p> <ul style="list-style-type: none"> • Duty/Assist/Standby Pumpsets • Duty/ Assist Macerator and frames • Submersible drainage pump, pipework and valves • Isolating Stop Logs • Chemical Dosing System, including bunded storage tank, pipework valves, fixtures and fittings • Suction pipework valves and pipe supports • Rising Main connection pipework and valves • Pressure Gauges • Scour pipework valves and supports 		

- Security Access covers
- Louvered security doors, frames and fittings
- Portable Lifting equipment
- Lifting gantries, beam trollies hoists, fixtures and fittings
- GRP open mesh flooring fixtures and fittings
- Galvanised Steel staircase and replacement steps
- Misc steel work modifications

Controls:

- MCC Kiosk – and MCC Control Panel comprising IPSM (Intelligent Pump Station Manager)
- Complete electrical power instrumentation and control installation
- Internal lighting
- Emergency lighting installation
- Complete Gas alarm installation
- Complete fire alarm installation
- Complete Intruder alarm installation

Pumping Station no. 4A:

Flow rate: 130 l/s

- Duty/ Assist Standby Pumpsets and installation
- Duty/ Assist macerator and frames
- Submersible drainage pump, pipework and valves
- Isolating stop logs
- Flow meter pipe stools and isolation valves
- Suction pipework valves and pipe supports
- Rising main connection pipework and valves
- Pressure Gauges
- Scour Pipework valves and supports
- Security Access covers
- Louvered security doors, frames, fixtures and fittings
- Portable Lifting Equipment
- Lifting gantries, beam trollies hoists, fixtures and fittings
- Galvanised steel staircase
- Misc Steel Modifications

Controls:

- MCC kiosk - MCC Control Panel comprising IPSM (Intelligent Pump Station Manager)
- Complete electrical power instrumentation and control installation
- Internal lighting installation
- External lighting installation
- Emergency lighting installation
- Complete gas alarm installation
- Complete fire alarm installation
- Complete intruder alarm installation
- Electromagnetic flow meter

Pumping Station 5A:

Flow rate: 130 l/s

- Duty/Assist/ Standby Pumpsets and installation
- Duty/Assist macerator and frames
- Submersible drainage pump, pipework and valves
- Isolating stop logs
- Flow meter pipe stools and isolation valves
- Suction Pipework valves and pipe supports
- Delivery pipework valves and pipe supports
- Rising main connection pipework and valves
- Pressure gauges
- Scour pipework valves and couplings
- Air release pipework valves and supports

- Security Access covers
- Louvered security doors, frames, fixtures and fittings
- Portable lifting equipment
- Lifting gantries, beam trollies hoists, fixtures and fittings
- GRP mesh open flowing fixtures and fittings
- Galvanised steel staircase
- Misc steel work modifications

Controls:

- MCC kiosk and MCC Control Panel comprising IPSM (Intelligent Pump Station Manager)
- Complete electrical power instrumentation and control installation
- Internal lighting installation
- External lighting installation
- Emergency lighting installation
- Complete gas alarm installation
- Complete fire alarm installation
- Complete intruder alarm installation
- Electromagnetic flow meter

Pumping Station no. 12:

Flow Rate; 290 l/s

- Duty/Assist Pump sets and installation
- Provision of standby Pump set
- Submersible drainage pump, pipework and valves
- Flow meter pipe stools and isolation valves
- Suction Pipework valves and pipe supports
- Delivery pipework valves and pipe supports
- Rising main connection pipework and valves
- Pressure gauges
- Scour pipework valves and couplings
- Air release pipework valves and supports
- Security Access covers
- Louvered security doors, frames, fixtures and fittings
- Portable lifting equipment
- Lifting gantries, beam trollies hoists, fixtures and fittings
- GRP mesh open flowing fixtures and fittings
- Floor support steel work and installation
- Galvanised steel staircase
- Misc steel work modifications

Health & Safety Aspects of the Contract

- Confined Space Entry
- Excavations
- Structural Stability
- Lifting Operations / Cranes
- Road Works
- Traffic Management
- Underground Services
- Overhead Cables
- Vibration, Noise and Dust
- Working with hazardous materials / live sewers/ existing WWTW

Glan Aqua Ltd Project Management Structure

Project Director : Karl Zimmerer
 Contracts Manager Civil Works : Michael Moore
 Contracts Manager Mechanical and Electrical Works : Cuan O Hogain
 Site Agent : Niall Quinn

Name & address of Contracting Authority responsible for the project:	Clare County Council, Áras Contae and Chláir, New Road, Ennis, Co. Clare.		
Contracting Authority contact name:	Mr. Hugh McGrath	Phone no.:	065 6821616
OTHER INFORMATION Provider of Civil and Mechanical & Electrical Design : Glan Agua Ltd. Provider of Civil and Building Construction: Glan Agua Ltd. Provider of Mechanical, Electrical & Process Installation: Glan Agua Ltd. Project Supervisor (Construction Stage): Glan Agua Ltd.			
CONTRACTORS NAME:	Glan Agua Ltd.		