


**APPENDIX B2: CERTIFICATE OF SATISFACTORY EXECUTION –WORKS ONLY**

<p><b>ACTIVITY</b> (Title of Applicant Activity)</p>	<p><b>Works Contractor and as PSCS</b></p>		
<p><b>SITE</b> Construction contract: (Title &amp; brief description)</p>	<p><b><u>Cavan Sewerage Scheme – Collection Network Improvement Works – Contract B – Pipeline and Manhole Rehabilitation Works</u></b></p> <p>The contract included for the wash, survey &amp; rehabilitation works to approximately 2,650 metres of main combined sewer and 49 no. associated manholes within the existing wastewater collection network on or adjacent to Railway Road in Cavan Town, Co. Cavan.</p> 		
<p>Site location:</p>	<p>Cavan Town, County Cavan.</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><b>VALUE</b> Construction contract value at award stage including cost of services where applicable:</p>	<p>€451,249</p>	<p>Construction contract value at completion (including cost of services where applicable:</p>	<p>€451,249</p>
<p><b>GENERAL INFO</b> Role of Company in delivery of Service:</p>	<p><b><u>Scope of Work:</u></b></p> <p>The contract includes for rehabilitation works to approximately 2,650 metres of main combined sewer and 49 no. associated manholes within the existing wastewater collection network on or adjacent to Railway Road in Cavan Town, Co. Cavan.</p> <p>The contract includes for the following works:</p> <ul style="list-style-type: none"> <li>• Site clearance and establishment of access routes to rehabilitation works and subsequent reinstatement of the same to its original condition or better;</li> <li>• 2,650 metres of sewer cleaning pre CCTV survey works;</li> <li>• 2,650 metres of CCTV surveying pre rehabilitation works;</li> <li>• 2,650 metres of sewer cleaning pre rehabilitation works;</li> <li>• 2,650 metres of full length structural liners;</li> <li>• 14 No. Reopen lateral connections;</li> <li>• 186 No. Robotic cuts for intrusions and obstructions;</li> <li>• 2,650 metres of CCTV surveying post rehabilitation works;</li> <li>• Cleaning and inspection survey of approximately 49 No. manholes;</li> </ul>		

- Supply and install approximately 5 No. new manhole covers and frames;
- Restore manhole benching in approximately 26 No. manholes;
- Reline 49 No. manhole chambers and shafts.

Glan Agua Ltd. over came the difficulties involved in the Contract including the rough terrain which had to be covered by the highly specified equipment. This was achieved by using portable mats for the equipment to travel across.



Over pumping and traffic management were just two other issues encountered which Glan Agua Ltd. dealt with in order to successfully complete the project.

### **Health & Safety Aspects of the Contract**

- Entry into Confined Space
- Access and Egress
- Abrasive Wheels
- Lifting Operations / Cranes
- Chemicals and Dangerous Substances
- Traffic Management
- Compressed Air
- Electrical Safety, Cables/Leads
- Overhead Cables
- Working at Heights
- Manual Handling and Lifting
- Vibration, Noise and Dust
- Moving Parts and Machinery
- Welding
- Use of Tools and Equipment
- Works Adjacent to Water

Health and Safety aspects of particular consideration as part of the Cavan Sewerage Scheme - Contract B - Pipeline and Manhole Rehabilitation Works contract:

- Risk of falling from a height during works adjacent to / in open manholes.
- Risk to health from chemical or biological substances during works in

	<p>manholes with running sewage.</p> <ul style="list-style-type: none"> <li>• Risk of electrocution during works near overhead and underground electricity cables.</li> <li>• Risk of drowning during works adjacent to watercourses and during works in manholes.</li> <li>• Risk of injury during the delivery, assembly, dismantling and removal of plant, particularly the working platform which is used for the installation of full length liners.</li> <li>• Risk of injury due to a collision between vehicular traffic and construction workers/pedestrians/public during the carrying out of works in public roads</li> </ul>		
Name & address of Contracting Authority responsible for the project:	Cavan Courthouse Farnham St, Cavan, Co. Cavan		
Contracting Authority contact name:	Cavan County Council	Phone no.:	(049) 437 8300
<b>OTHER INFORMATION</b>			
<b>CONTRACTORS NAME:</b>	Glan Agua Ltd.		