



## PLUTO LNG TRAIN 2

SR No.	TBA
Title	Chemical Cleaning Services
Work Description	<p>Subcontractor is responsible for providing the detailed planning, design, supply of all equipment and set-up of the facility to execute the chemical cleaning services of the systems as mentioned below. Cleaning chemicals and demineralised water shall be issued by Contractor as required by the Project schedule.</p> <p>There are three (3) systems which require chemical cleaning support:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ~100m<sup>3</sup> of chilled water service piping ranging in size from 300mm to 600mm diameter.</li> <li><input type="checkbox"/> ~130m<sup>3</sup> of hot water service piping sized 400mm diameter.</li> <li><input type="checkbox"/> ~300 m<sup>3</sup> of amine service vessels and piping sized up to 350mm diameter.</li> </ul> <p>Subcontractor is responsible for providing all ancillary equipment including but not limited to surge tanks, mixing equipment, hoses, strainers, pumps, heaters, laboratory analysis equipment, monitoring equipment, PPE and overpressure protection systems compliant to Australian and industry standards to execute the scope of work in a safe and reliable manner. All equipment used to execute the scope of work shall be certified for the duration of the site activities.</p> <p>Subcontractor to provide competent personnel: supervision, operators, chemists, to make piping connections, fill and operate equipment on a 24hr basis coverage to execute the chemical cleaning scope of work as per project standards and specifications. Subcontractor shall be responsible for disposal of cleaning waste upon completion of scope of work.</p> <p>The following works are excluded from Subcontractor scope of work: Supply of Cranes, Cranes Operator, Lifting Equipment and Rigging Crew. Supply of site transportation including trucking and forklifts/telehandlers. Crib and office facilities (including power and water connected to cribs and offices), Diesel supply for operation of generators/engines will be issued by Contractor.</p>
Schedule:	<p>There are three (3) systems which require chemical cleaning support:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Commencing circa Q4 2024, ~100m<sup>3</sup> of chilled water service piping ranging in size from 300mm to 600mm diameter.</li> <li><input type="checkbox"/> Commencing circa Q2 2025 ~130m<sup>3</sup> of hot water service piping sized 400mm diameter.</li> <li><input type="checkbox"/> Commencing circa Q3 2025 ~300 m<sup>3</sup> of amine service</li> </ul>

	vessels and piping sized up to 350mm diameter.
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