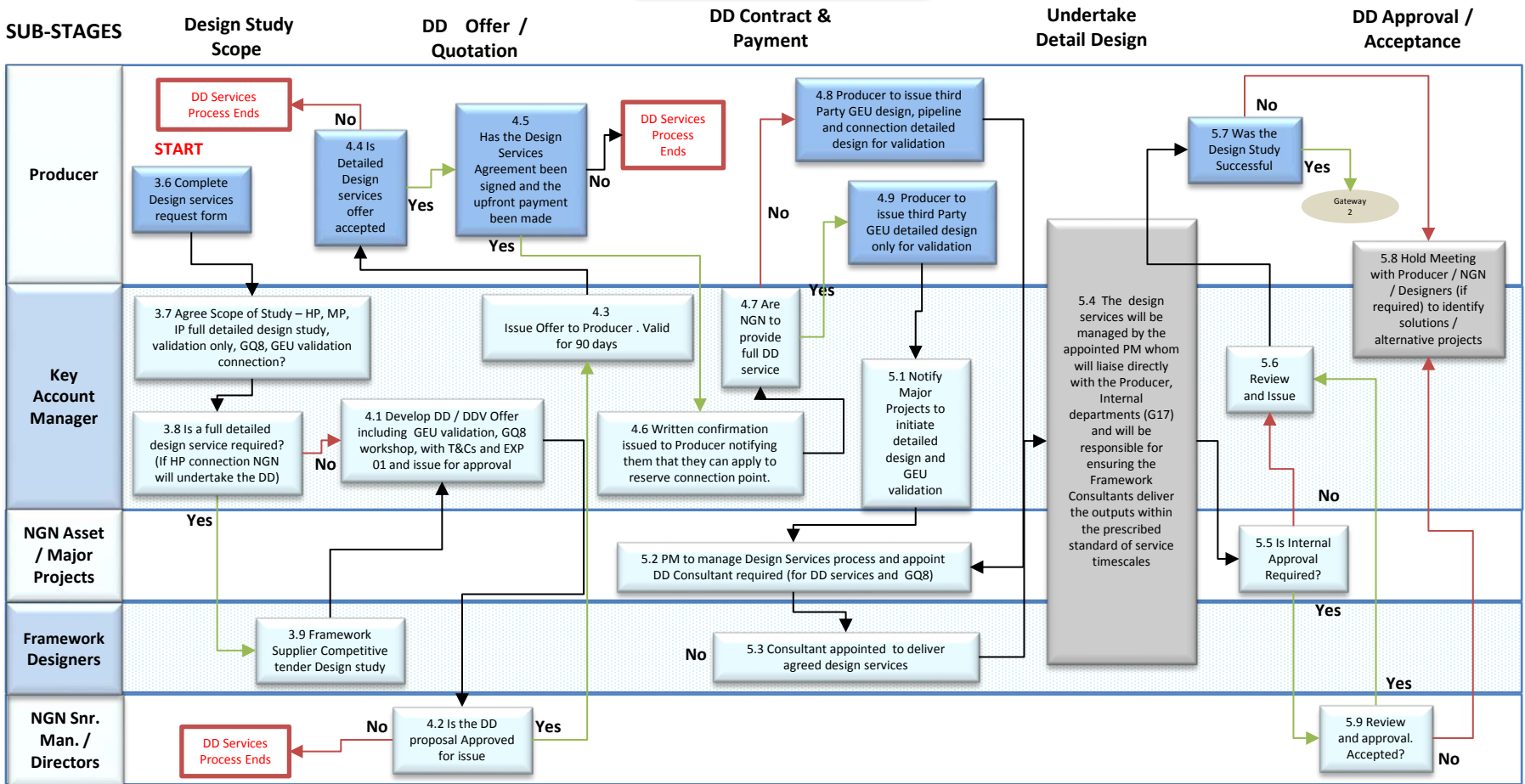


## Stage 2 Detailed Design

GW-2 DD Completion



KEY Deliverables	Design Study Scope	DD Offer / Quotation	DD Contract & Payment	Undertake Detail Design	DD Approval / Acceptance
KEY Deliverables	<ul style="list-style-type: none"> <li>Producer must complete the Detail Design Services request form. Identifying :                             <ul style="list-style-type: none"> <li>-Detail design study requirement</li> <li>-Third Party Design Validation</li> <li>-GEU Validation</li> <li>-GQ8 workshop requirement</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>NGN                             <ul style="list-style-type: none"> <li>- EXP01 form to be completed</li> <li>- Fixed Price developed for Services</li> <li>- T&amp;Cs to be completed</li> <li>- Offer letter to be completed</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- Producer return Signed Agreement</li> <li>- NGN issue Invoice for Payment</li> <li>- NGN issue countersigned agreement</li> <li>- Producer to make up front payment</li> </ul>	<ul style="list-style-type: none"> <li>- GQ8 Risk assessment workshop report</li> <li>- Third Party Pipe / Connection Validation Report</li> <li>- Third Party GEU design validation report</li> </ul>	<ul style="list-style-type: none"> <li>Full detail design Study report                             <ul style="list-style-type: none"> <li>- G17 Section A</li> <li>- G17 Section B</li> <li>- G17 Section C</li> </ul> </li> </ul>

KEY Notes	Design Study Scope	DD Offer / Quotation	DD Contract & Payment	Undertake Detail Design	DD Approval / Acceptance
KEY Notes	<p>NGN will undertake Detail Design of the ROV, connection pipe and network connection on all projects which will be connecting to a HP Main. The Producer has the option to undertake his own detail design on IP, MP and LP mains</p>	<p>If the producer has selected to undertake there own detail design, then NGN will require to validate the Producers Detail Design. The validation will be in line validation of DD on &lt;2 bar and on &gt;2bar following G17 process.</p>	<p>Detail design study for ROV, connection pipe and connection are priced project by project. Validation of Third Party Detail Design of the ROV, connection pipe and connection requires a upfront payment of £4,000. The actual amount will be credited or debited once the validation services have been successfully completed</p>	<p>NGN insist that a GQ8 assessment risk workshop is undertaken on all projects. These workshops will be organised by NGN. The Cost for each £3,688</p> <p>The Gas Entry Unit will always be designed by the Producers Designers. It has to be developed inline with NGN minimum specification. The GEU will be validated in line with G17 requirements and the Electrical, ICA minimum functional specification. The cost for this service is £3,561</p>	<p>Meeting to be held with producer if capacity is not available to discuss alternative opportunities with other Producers / solutions</p>