



ROSATOM

State atomic energy corporation "Rosatom"

Contract strategy is a tool for sustainable development

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EPC Contract Strategy

A contract strategy is a document to be developed on the basis of the market analysis and the study of the current legislation of the country of activity. It describes goals, tasks, scope of work, Project schedule, procurement procedures, types of contracts, basic conditions and contractual risks in the context of a complex engineering facility construction. The document is developed by the Project Team and C&P Leader in order to achieve maximum benefits within the frames of “Procurement Management” business-process implementation on the Project.

EPC

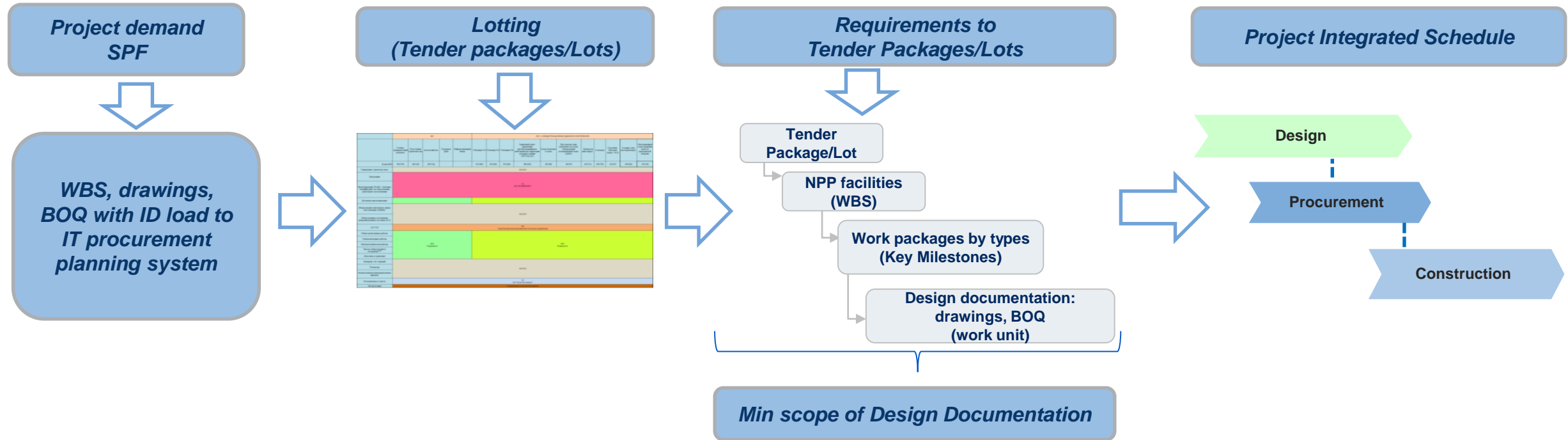
	Preparatory period	Nuclear island	Turbine island	Auxiliary facilities	
				Process systems	Common plant buildings and structures
Surveys	ASE General Designer				
Design (FEED) + LLI specifications					
Detailed Design					
Main Process equipment (LLIs + process control systems)	ASE centralized supplies				
Main Materials	Package - 1 (LSTK*)	*** Package - 2 (Cost Plus + LSTK)**	Package - 3 (LSTK)	Package - 4 (LSTK)	Package - 5 (LSTK)
Construction					
Other equipment and materials					
Construction Management					
Logistics & transport					
Pre-commissioning & Provisional acceptance	QC-1 (CR)				
Final acceptance and commissioning					
Third-party inspection	QC-2 (CR)				
Operations		Operator			

C/PC

	Preparatory period	Nuclear island	Turbine island	Auxiliary facilities	
				Process systems	Common plant buildings and structures
Surveys	ASE General Designer				
Design (FEED) + LLI specifications					
Detailed Design					
Main Process equipment (LLI + process control systems)	Package - 1 (LSTK*)	ASE centralized supplies			
Main Materials		***Package - 2 Subsidiary Production Unit of ASE (Cost Plus**)	Package - 3 (LSTK)	Package - 5 (LSTK)	Package - 1 (LSTK)
Construction					
Other equipment and materials					
Construction management					
Logistics & transport					
Pre-commissioning & Provisional acceptance	QC-1 (CR)				
Final acceptance and commissioning					
Third-party inspection	QC-2 (CR)				
Operations		Operator			

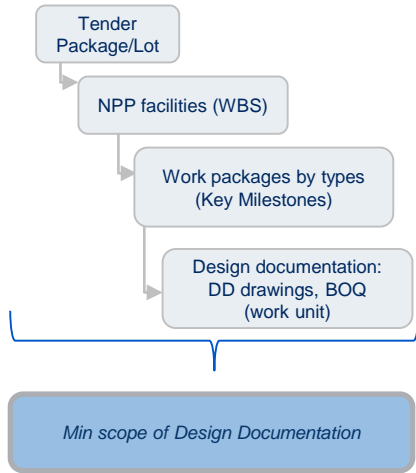
Tender Packages (Lots)

Proposal for Project Integrated Schedule development



Requirements to Tender packages/Lots

Min scope of design documentation for EPC contracts



Procurement documentation

Technical part:

- DESIGN/FEED (Cost Estimate class 3);
- ToR;
- BOQ (DESIGN/FEED);
- Equipment;
- Level 2 Schedule depending on the DESIGN/FEED breakdown



Contract

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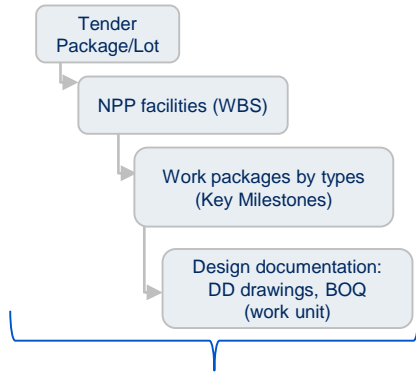
General Designer shall ensure a timely submission of a min scope of design documentation for EPC or C/PC contracts required.



*FEED ≠ DESIGN
Project cost estimate in terms of accuracy class 3 and 4 (TCM NC)

Requirements to Tender packages/Lots

Min scope of design documentation for C/PC contracts



Min scope of Design Documentation



Procurement Documentation

Technical part:

- DD (at least 60%);
- ToR;
- BOQ (DD);
- Equipment;
- Level 3 Schedule.

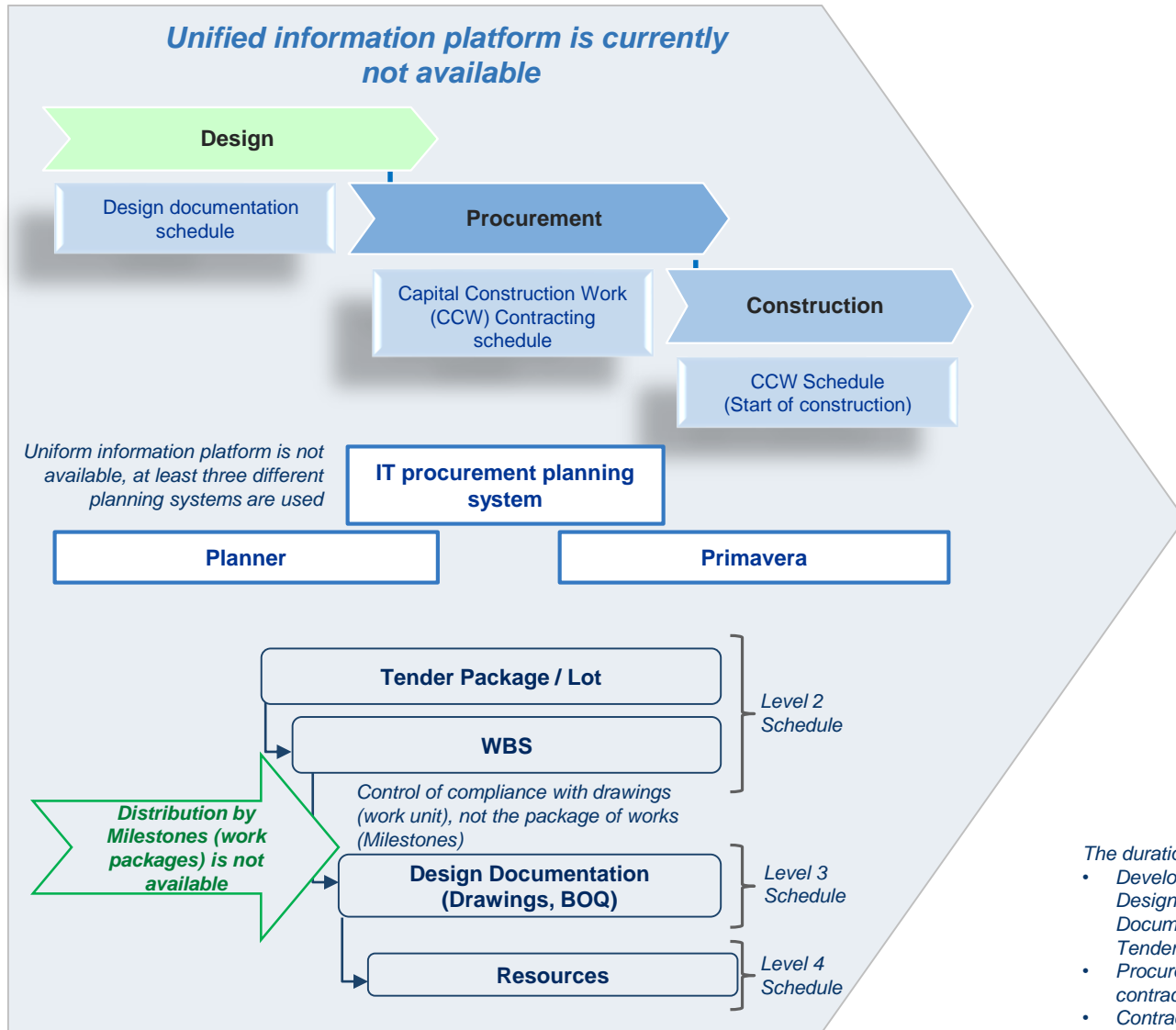


Contract

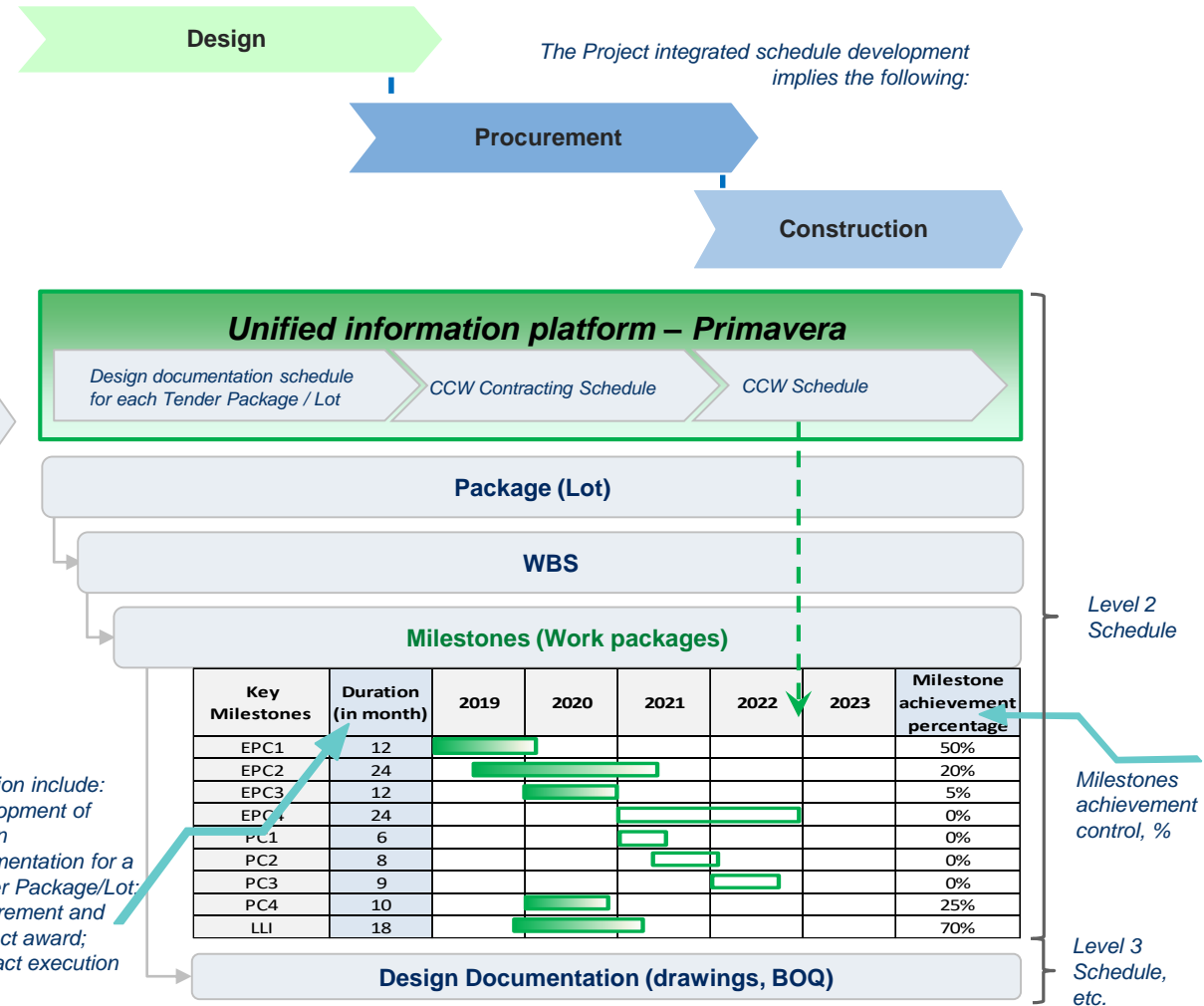
Technical part:

- DD (at least 60%);
- ToR;
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- Level 3 Schedule.

Project Integrated Schedule



Target:
Project Integrated Schedule on unified information platform



THANK YOU FOR YOUR ATTENTION!