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Buildings Construction Procurement Strategy

Update Q4 2023

Disclaimer:

This presentation is provided for information only
and cannot be considered as binding

Ref. F4E_D_2ABES6 v5.1

1. Overview of the ITER Buildings

2. Packaging Strategy

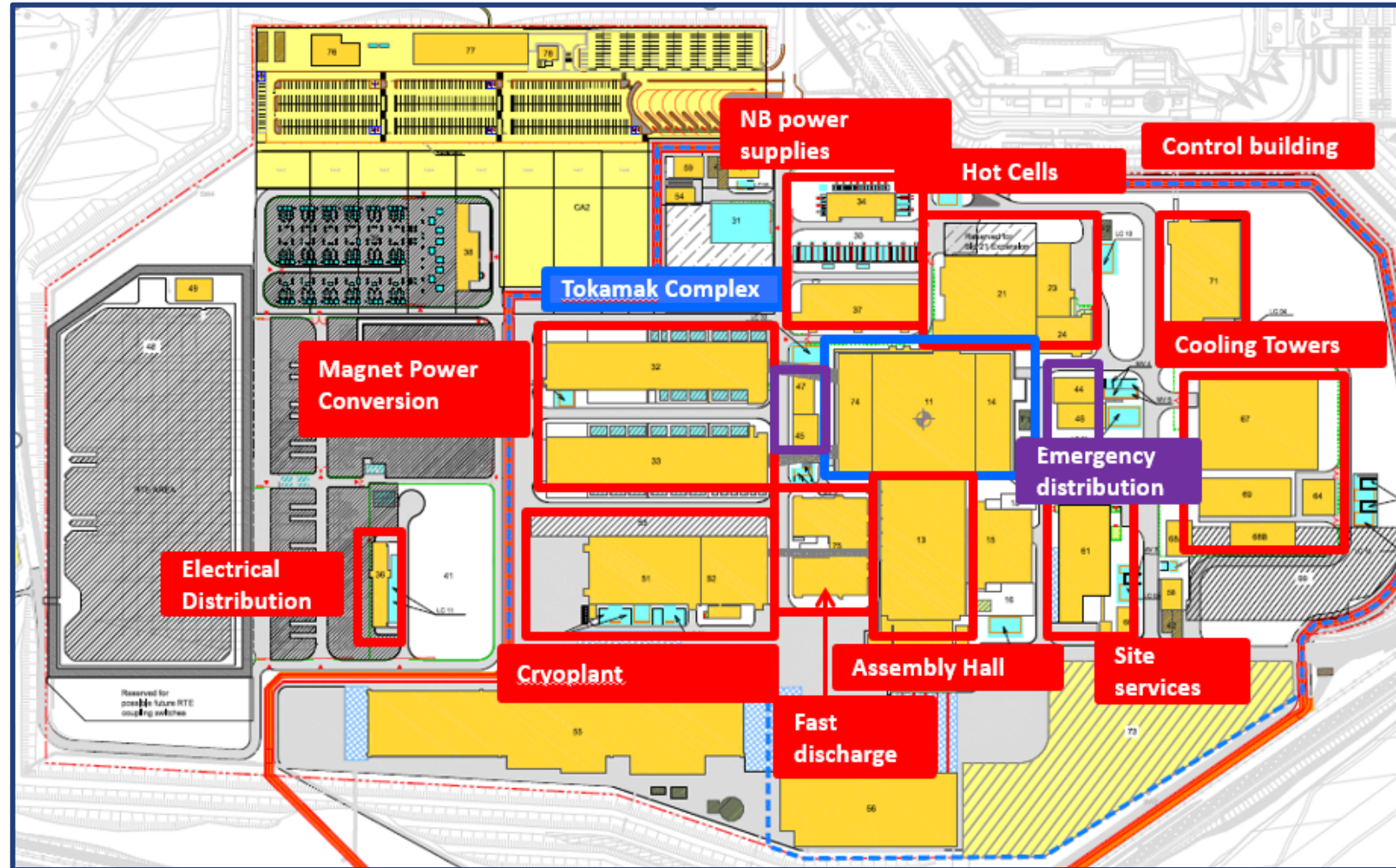
3. Overview of the Procurement Packages

4. Status of ongoing procurements

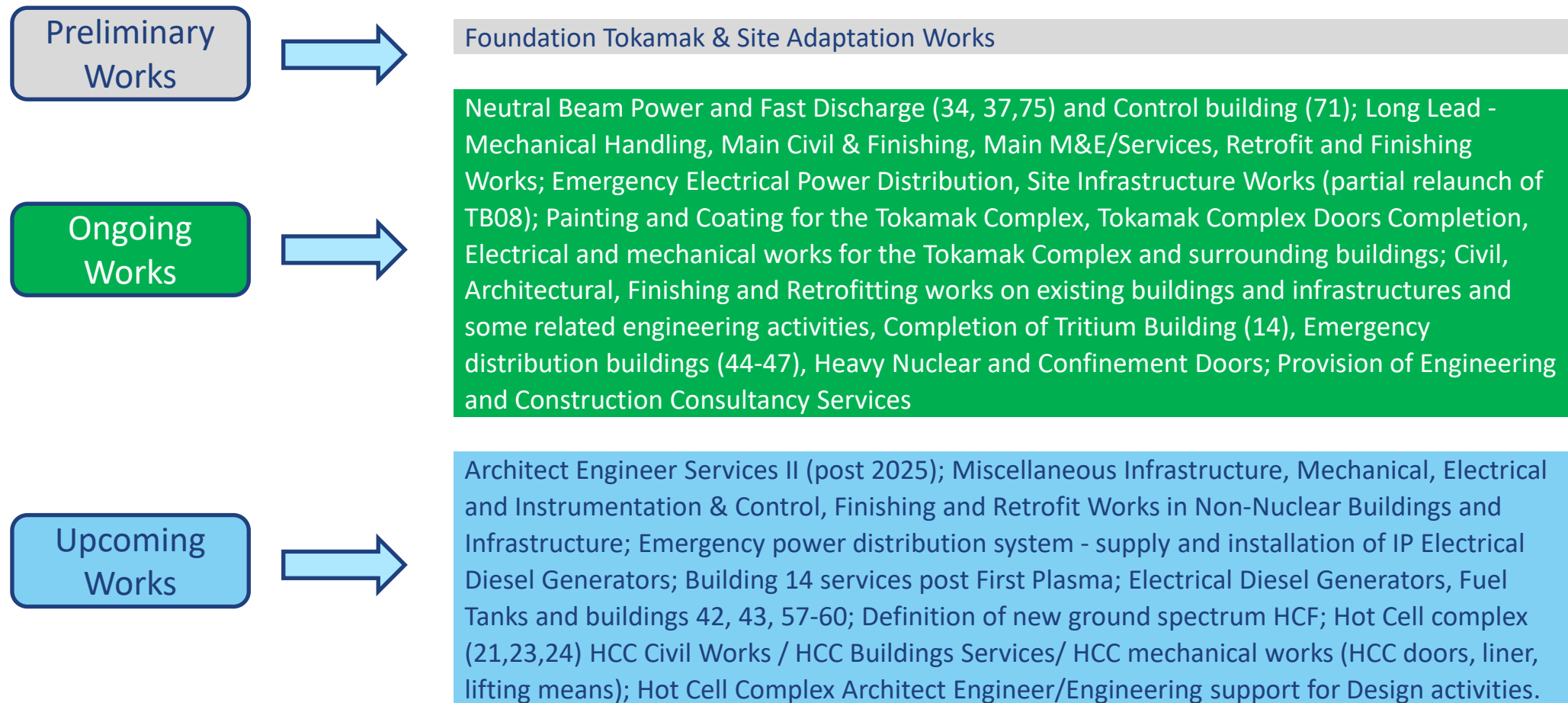
5. Upcoming Procurements

1. Overview of ITER Buildings

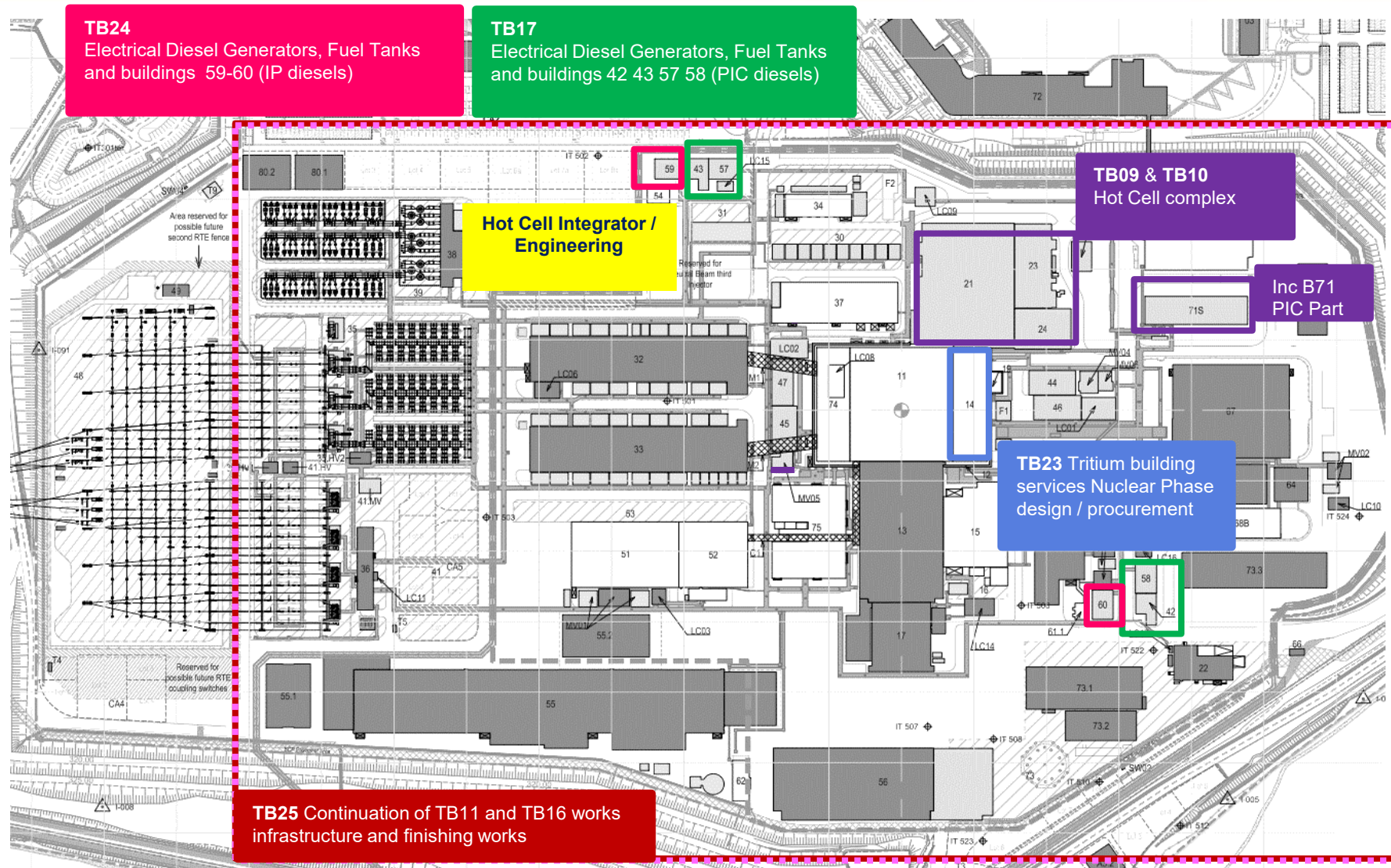
ITER Buildings Layout



Procurement of Large Packages: Schedule – driven by need dates



3. Overview of the Procurement Packages - Layout



3. Overview of the Procurement Packages - Completed/Ongoing Contracts

Completed



| | | |
|----------------|-------------|--|
| TB00 | F4E-OPE-095 | Construction of the TC Seismic Isolation Pit, Supply and Installation of Anti-Seismic Bearings |
| TB01 | F4E-OPE-251 | Site Adaptation |
| TBAlpha | F4E-OPE-406 | Galleries and drainage works |
| TB05 | F4E-OPE-378 | D&B Package |
| TB06 | F4E-OPE-428 | HV Electrical Equipment |
| TB07 | F4E-OPE-429 | D&B Package |
| TB03 | F4E-OPE-286 | Main Civil & Finishing |

Terminated



| | | |
|-------------|-------------|---------------------------|
| TB08 | F4E-OPE-374 | Site Infrastructure Works |
|-------------|-------------|---------------------------|

Ongoing



| | | |
|-------------------|--------------|---|
| TB02 | F4E-OPE-285 | Long Lead - Mechanical Handling |
| TB04 | F4E-OPE-301 | Main M&E/Services |
| TB11 | F4E-OFC-755 | Retrofit and Finishing Works |
| TB12 | F4E-OPE-688 | Design and Build Buildings 34, 37, 75 and 71 |
| TB13 | F4E-OPE-1003 | Emergency Electrical Power Distribution 44-47 |
| TB16 | F4E-OPE-636 | Site Infrastructure Works (partial relaunch of TB08) |
| TB18 | F4E-OPE-996 | Completion of the Tritium Building 14 |
| TB19 | F4E-OPE-906 | Painting and Coating for the Tokamak Complex |
| TB20 | F4E-OPE-1099 | Tokamak Complex Doors Completion |
| TB21 | F4E-OMF-1107 | Electrical and mechanical works for the Tokamak Complex and surrounding buildings |
| TB22 Lot B | F4E-OMF-1168 | Civil, Architectural, Finishing and Retrofitting works |

4. Status of ongoing procurements

Ongoing procurements

F4E-OMF-1168 TB22

Lot A - Civil, Architectural, Finishing and Retrofitting works

Lot D - Primary Structural works

Procurement Process: Competitive Procedure with Negotiation

Contract Type: FIDIC

Key Dates:

Ongoing

| | LOT A | LOT C | LOT D | LOT E |
|---|---------|--|---------|-----------|
| Issue of Pre Information Notice | Q2-2021 | Cancelled. To be relaunched as TB 25 (Slide 11) | Q2-2021 | Cancelled |
| Issue of Invitation to Participate (step 1) | Q3-2021 | | Q3-2021 | |
| Issue of Call For Tender (step 2) | Q2-2022 | | Q2-2023 | |
| Receipt of Tenders | Q4-2022 | | Q4-2023 | |
| Contract Award | Q4-2023 | | Q2-2024 | |
| Contract Signature | Q4-2023 | | Q2-2024 | |

Procurement Process: Competitive Procedure with Negotiation
Contract Type: Direct contract

Ongoing

Key Dates:

| | |
|---|---------|
| Issue of Pre Information Notice | Q1-2023 |
| Issue of Invitation to Participate (step 1) | Q3-2023 |
| Issue of Call For Tender (step 2) | Q4-2023 |
| Receipt of Tenders | Q1-2024 |
| Contract Award | Q3-2024 |
| Contract Signature | Q3-2024 |

5. Upcoming Procurement Packages



| | |
|------------------|---|
| TB25 | Miscellaneous infrastructure, mechanical, electrical and instrumentation & control, finishing and retrofit works |
| TB24 | IP Electrical Diesel Generators and buildings 59, 60 |
| TB23 | Building 14 services post First Plasma |
| TB17 | PIC Electrical Diesel Generators, Fuel Tanks and buildings 42, 43, 57, 58 |
| Service Contract | Legal inspection |
| Service Contract | Definition of new ground spectrum HCF |
| Hot Cell Complex | Construction of Hot Cell (21), Radwaste (23) Personal Access Control Building (24) & Control Building (71) PIC Engineering support for Civil Works and Buildings services |

TB25 – Miscellaneous infrastructure, mechanical, electrical and instrumentation & control, finishing and retrofit works

Scope:

Geotechnical Investigations, Topographic survey, Earthworks; Infrastructures works (outside buildings); Equipment fences and protection, landscaping, parking, road and surfacing, paving, etc.; Integrated Plant Earthing Grid (IPEG) installation and connection with Qualifoudre certification; Piping works, gas or fluid networks (e.g. PBS65 Liquid and gas networks, PBS26 cooling water system); Site Networks with all associated equipment (valves, SDP, manholes, chambers, covers etc.); Simple Special foundation and slabs; Concrete structures demolition; Dewatering, soil treatment; Doors, gates, portals; False Ceiling; Partitioning; Floor finishing (e.g. Tilling); End-user Plumbing, Toilets accessories; Signage, tagging; Windows; Building and tunnels (galleries) services; Operation & maintenance of works done by The Contractor or by Others - [Option]; Miscellaneous services (general logistics) - [Option]; Coating and painting, and painting touch-ups including after support installation - [Option].

Estimated value / volume: <20M€

Estimated launch: Q4 2023

Procurement Process: Competitive Procedure with Negotiation

Contract Type: Supply

Upcoming

Key Dates:

| | |
|--|----------------|
| Issue of Pre Information Notice | Q1-2023 |
| Issue of Invitation to Participate (step 1) | Q4-2023 |
| Issue of Call For Tender (step 2) | Q1-2024 |
| Receipt of Tenders | Q1-2024 |
| Contract Award | Q3-2024 |
| Contract Signature | Q3-2024 |

Upcoming

Scope:

Design, supply, installation, test and commissioning of the two (2) Investment Protection (IP) emergency electrical diesel generators (EDG) of 3.5MW each. The EDGs would be located in Building 59 and Building 60 respectively. Civil works for these buildings are also accounted for in the contract.

Estimated value / volume: <20M€

Estimated launch: Q4 2025

Procurement Process: Competitive Procedure with Negotiation

Contract Type: Design, supply, installation, test and commissioning

Key Dates:

| | |
|--|----------------|
| Issue of Pre Information Notice | Q4-2024 |
| Issue of Invitation to Participate (step 1) | Q1-2025 |
| Issue of Call For Tender (step 2) | Q2-2025 |
| Receipt of Tenders | Q1-2026 |
| Contract Award | Q2-2026 |
| Contract Signature | Q2-2026 |



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