- ## *Control Tower Concept & Broad Workflow*

➢ **An Integrated facility to create a Project Schedule as per Contract Specific Scope & manage the journey till Commissioning.**

➢ **Schedule Tracking of key Interactions .**

➢ **Flagging of Activities that are holding progress at different stages.**

➢ **Tracking of Actual Progress against Planned Progress at Project level and key activities like drawing issue , Indent, PO Placement , delivery etc.**

➢ **Promotes standard work processes & SLA's with facility for auto alerts to improve coordination among various functions.**

➢ **Defining One Version of truth to which all stake holders should relate & recognize.**

***What it does Not Cover*

➢ **Resource planning / Capacity Planning**
➢ **Cost Control / Budget (Current Process to Continue)**
➢ **Interaction of Multiple Projects & Corresponding issues.**
➢ **Civil**
➢ **Advance alerts which can be configured later**

- ***Success Depends On……….***

> **Training of Key resources on Processes & defining Key Expectations.**

> **Compliance to Defined Operating Process (Process Discipline).**
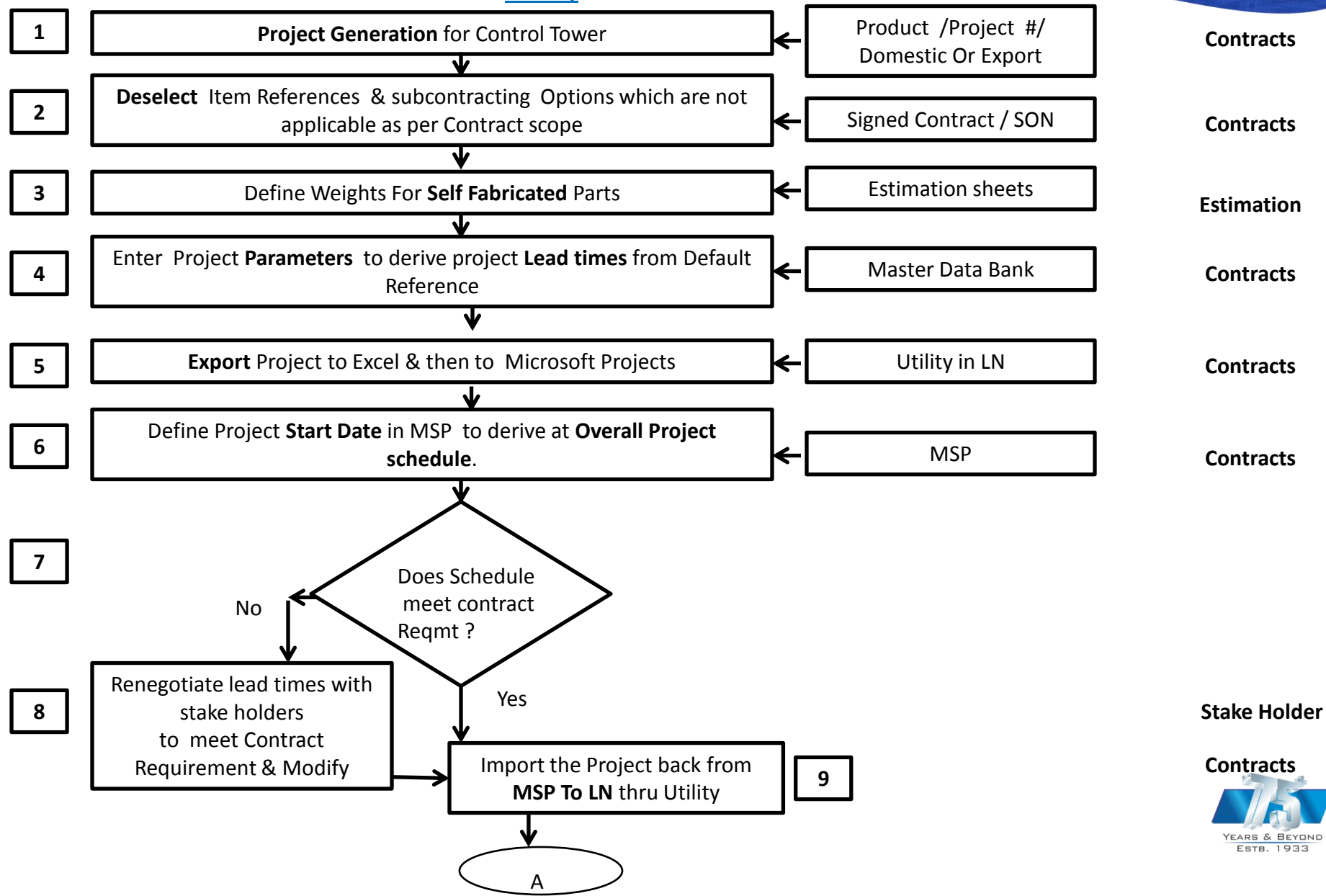
Next Step:-

> **Nominate Key Users- Contracts / Engineering / Materials/Expediting/Construction / Quality / Commissioning**

> **Support Roles:-Marketing /Estimation/ Logistics.**

> **Schedule Training for Key users & Functional Heads .**

> **Schedule Training for Support Functions.**

> **Select Pilot Projects & Run as per the concept with support from Sachin & IT Team**

- ***Flow Chart***

Activity

1	**Project Generation** for Control Tower	←	Product /Project #/ Domestic Or Export	**Contracts**
2	**Deselect** Item References & subcontracting Options which are not applicable as per Contract scope	←	Signed Contract / SON	**Contracts**
3	Define Weights For **Self Fabricated** Parts	←	Estimation sheets	**Estimation**
4	Enter Project **Parameters** to derive project **Lead times** from Default Reference	←	Master Data Bank	**Contracts**
5	**Export** Project to Excel & then to Microsoft Projects	←	Utility in LN	**Contracts**
6	Define Project **Start Date** in MSP to derive at **Overall Project schedule**.	←	MSP	**Contracts**

7 — Does Schedule meet contract Reqmt ?

No

8 — Renegotiate lead times with stake holders to meet Contract Requirement & Modify

Yes

Stake Holder

9 — Import the Project back from **MSP To LN** thru Utility

Contracts

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- *__Flow Chart__*

10	Convene Project team Meeting & share schedule / Key Milestone	**Contracts**
11	Inform IT Dept For Providing necessary access to Project Team Members enabling them for updation of Progess	**Contracts**
12	IT To Confirm Enablement to respective users & Project Managers	**IT**
13	Users To Access Respective schedule and Update	**Key Users**
14	Progress To Be Updated Automatically Thru Scheduler Overnight	**IT**
15	To Check for Latest update at any time during the day Either Run Global Update Or Specific Update for Item reference	**Contracts**
16	For Critical Path Analysis & activity Holding Progress Export Project To MSP , Do the Analysis & Revert Bank To LN	**Contracts**
17	Coordinate to Overcome Bottlenecks	**Contracts**
18	Extract Information To Draw Overall & Functional Dashboard	**Contracts**

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END