Integrated Project & Budget Management System

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3DEXPERIENCE®

from Static…

to digitally connected…
A Living Value Network

Process Flow | Pre-Delegation

Equipment Library

SOC Submission & Acceptance

Creation of SOC
- Enter SOC Details
- Upload Reference Documents
- Upload Budgetary Quotes

1

View SOC Details & Accept
- View SOC Details
- Download Reference Documents
- Download Budgetary Quotes
- Create Project
- Promote SOC to RIC stage

2

Project Initiation

Initiate Project
- Create Project using template
- Add/update activities & duration
- Add Members

3

RIC (Rough Indicative Cost)

Preparation of RIC
- SO1 Planning will assign task to SO1 Works & MIO
- SO1 Works & MIO will delegate task to GE (Civil, Services) & CWE respectively
- CWE will delegate to SO1 GP
- GE & SO1 GP creates RIC
- Approval of RIC
    - Works – SO1 Works & SO1 Planning
    - Equipment – CWE -> MIO -> SO1 Planning

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Listing of Project

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Listing of Project
- SO1 Planning will send SOC + RIC to HQENC & NHQ for approval
- NHQ will print the documents and send to MoD
- Once MoD approves, NHQ will approve their task

Delegation

Delegate Funds
- Update delegation details
    - Equipment Amount & Remarks
    - Works Amount & Remarks
    - Planning Amount & Remarks
- Approval
    - DDGs -> DG

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Admin Approval

Update Admin Approval Details
- Attach approved document as deliverable to corresponding task
- Update details
    - Approved Amount
    - No. of Weeks
    - Date

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AE Approval

SO1 Planning sends **AE Part 1 & 2** to DDG & CE, DDG (E), AO, DG, HQENC, NHQ for approval

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Approximate Estimates (AE)

Equipment Library

Preparation of AE
- SO1 Planning will assign task to SO1 Works & MIO
- SO1 Works & MIO will delegate task to GE (Civil, Services) & CWE respectively
- CWE will delegate to SO1 GP
- GE & SO1 GP creates AE
- Approval of AE
    - Works – SO1 Works & SO1 Planning
    - Equipment – CWE -> MIO -> SO1 Planning

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Board Proceedings

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Board Proceedings
- Board Proceedings will happen outside the system
- Final approved document will be uploaded by SO1 Planning as deliverable to corresponding task

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User | Planning Division | Works Division | Equipment Division | HQENC & NHQ | DDG & CE, DDG, DG, AO

DASSAULT SYSTEMES

Process Flow | Post Delegation - Works

Work Operational Order

Creation of Work Operation Order
- Assign authority to AE Part 1
- Approval
  - DDG & CE

Cost Schedule

Creation of DCS
- SO1 Works create & assign tasks to GE (Civil, Services)
- GE creates DCS
- Approval of DCS
  - Works – SO1 Works & SO1 Planning

Technical Sanction

Generate & Approve Technical Sanction
- System will automatically create Technical Sanction in pre-defined format from Cost Schedule
- Last approver of Cost Schedule will be the owner of TS
- TS will be sent for approval to people selected by the owner

Tendering

Tendering Process
- This will happen outside the system but the activities can be created and monitored in IPMS
- Contracts section will create BOQ from Cost Schedule
- RFP Creation, Tendering, Contractor Finalization

Work Order Creation

Creation of WO
- GE will create the WO and import BOQ from the tender
- GE will assign responsibilities to people to execute the work

Bills

Abstract Bill
- JE will create Abstract Bill
- Add Items/Payment Milestones
- Advances, Withheld, LDs, Deductions, Additions
- Bill Form generation
- Approval of Bill
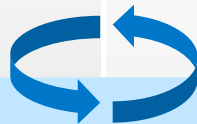 - JE -> AGE -> GE -> CWE -> DDG&CE -> AO -> DG

Funds
- Fund Demand
- Fund Allotment

Measurements

Measurement Book Entry
- JE will create Measurement Book Entry
- Add items under Measurement Book
- Create Measurements against items, upload documents and site images
- Approval of Measurement Book Entry
  - JE -> AGE -> GE

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Cost Schedule

Creation of DCS
- MIO creates task for CWE -> SO1 GP
- SO1 GP create DCS
- Approval of DCS
  - SO1 GP -> CWE -> MIO -> SO1 Planning

Technical Sanction

Generate & Approve Technical Sanction
- System will automatically create Technical Sanction in pre-defined format from Cost Schedule
- Last approver of Cost Schedule will be the owner of TS
- TS will be sent for approval to people selected by the owner

Tendering

Tendering Process
- This will happen outside the system but the activities can be created and monitored in IPMS
- SO1 GP along with Contracts team will prepare RFP
- Tendering and Contractor Finalization

Work Order Creation

Creation of WO
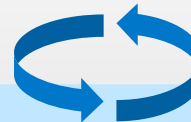- GE will create the WO and import BOQ from the tender

Bills

Bill
- GE will create the Bill
- Add Items
- Advances, Withheld, LDs, Deductions, Additions
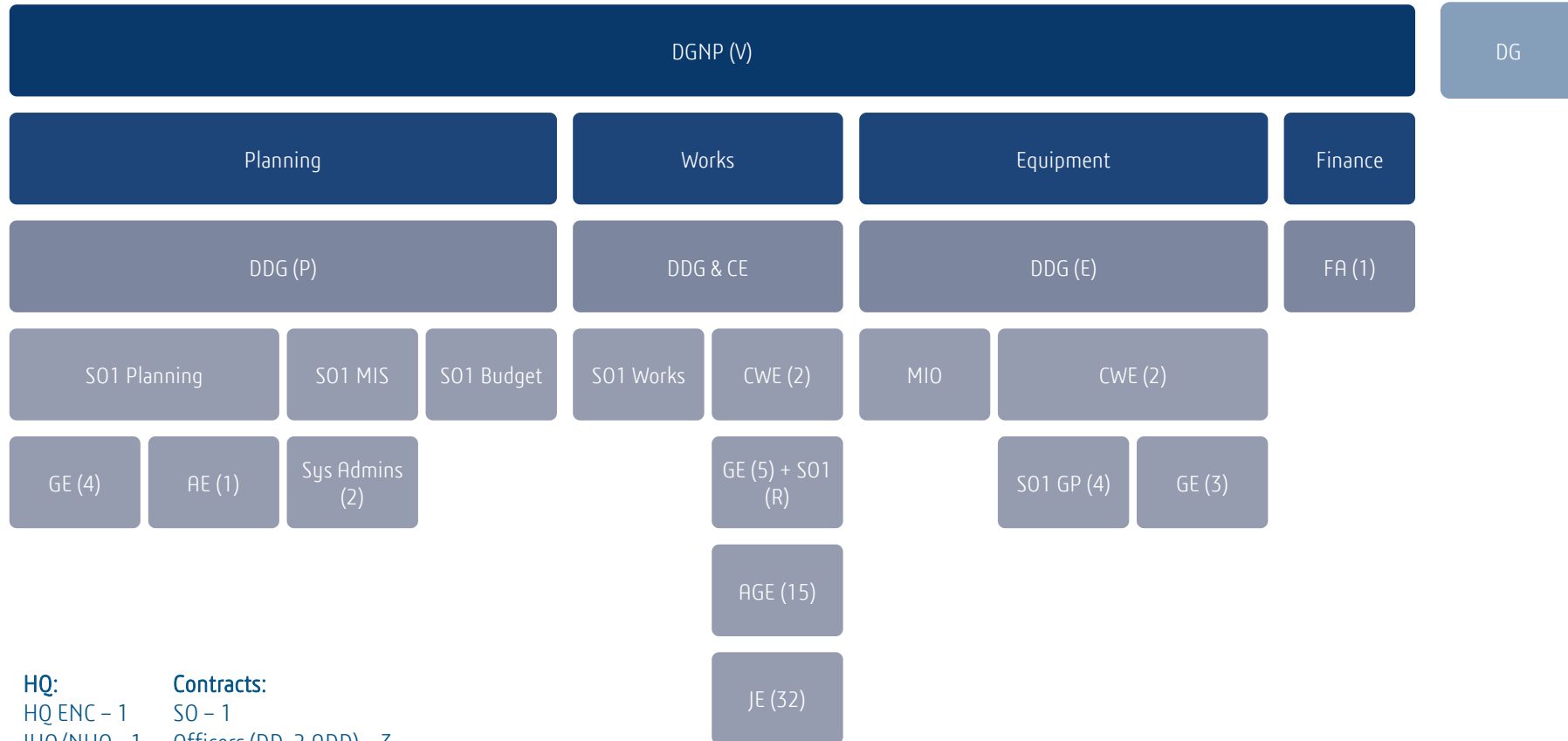- Bill Form generation
- Approval of Bill

Funds
- Fund Demand
- Fund Allotment

Organization Structure

DGNP (V)

DG

Planning	Works	Equipment	Finance
DDG (P)	DDG & CE	DDG (E)	FA (1)

Planning:
- SO1 Planning
- SO1 MIS
- SO1 Budget
- GE (4)
- AE (1)
- Sys Admins (2)

Works:
- SO1 Works
- CWE (2)
- GE (5) + SO1 (R)
- AGE (15)
- JE (32)

Equipment:
- MIO
- CWE (2)
- SO1 GP (4)
- GE (3)

HQ:
HQ ENC – 1
IHQ/NHQ - 1

Contracts:
SO – 1
Officers (DD, 2 ADD) – 3
JE - 5

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