SEC Pty (Wedge Model) Process Flowchart- Typical FEL 1 to 3

LEGEND

Key task or activity

Key deliverable(s)

Decision

"Input from" or "Approved by"

Project Progress

4. Strategic Processes | 5. Core Work Processes | 6,Control Processes

Key Process deliverables

External Client. & other stakeholder requirements | Typical Projects Process | Typical Investment Process

Project Ideas Generation/ Project Initiation

STOP

No

Initiate Project?

Yes

Develop Business objectives

Register project with Client

Appoint Study manager

Develop Client Liaison SWP

Project Set Up

IDENTIFICATION- FEL1

Input from relevant govt. & other statutory bodies

Input from environmental and community bodies

Identify stakeholders, preliminary OL&C* & HSRC

Project kickoff appoint Owner's team

Assess risk. strategic fit, market, etc.

Initial risk register & business objectives

HSEC plan, stakeholder

Prepare prelim.SoR Identify investment opportunities

Preliminary

SPS SWP, IAR, evaluation model, study report.

Preliminary scope definition & review of geology/mining

Outline

Carry out preliminary evaluation

Product short list of investment opportunities

Finalise analysis & study report. Plan for next phase

Client Peer

Process IPR

Approved by Client IPR)

Approved?

Yes

Client- ownership, legal and contractual

Wedge Model

SELECTION-FEL1

Input from relevant govt. & other statutory bodies

Input from environmental and community bodies

Preliminary

Develop prelim. s ope

Optimise resource & mining. Choose process & config.

Finalise & present for approval preferred alternative (engage IPR)

Gate 1

Approval by Client

Class 4/5 estimate &

Definition, design, capex/opex & project schedule

Assess risk, HSEC, fit etc. Prelim. eval. of alternatives

Rank & present for approval preferred alternative (engage IPR)

Approved?

Yes

Gate 2A

IPR report

Finalise OL&C, HSEC & stakeholder requirements. Prelim. E&SIA, EMP

Class 3 estimate & schedule. SoW, prelim BoD, BoE, BoS, PEP, risk register,

Carry out VIPs, benchmarketing. Definition, design, estimates, schedule, contract planning

Carry out IPR

Consider IPA pacesetter

DPS SWP, IAR, evaluation model,

Finalise analysis & study report. Plan for next

Approved by Client (from IPR)

Approved?

Yes

DEFINITION-FEL2

Input from relevant govt. & other statutory bodies

Input from environmental and community bodies

Carry out additional analysis as required

Finalise definition of selected

Carry out VIPs as required

Gate 2

Class 2 estimate & schedule, finalised SoW, BoD, BoE, PEP, risk register

Optimise total life cycle costing for the investment

IPA prospective

IPR report & Client presentation. Draft

Prepare estimate, schedule & PEP. Final evaluation

IPA benchmarketing exercise

Carry out IPR

Finalise permitting, secure tenure, leases, etc..

Approved by Client (input from IPR)

Approved?

Yes

IAR, evaluation model, study

Finalise analysis & study report.

Final Client Q&As

Issue documents

EXECUTION-FEL3

Input from relevant govt. & other statutory bodies

Gate 3

Project controlling, monitoring and reporting processes

Implement PEP & associated core work processes. e.g. -Engineering -Procure -Construct -Commission

Project procedures, detail design, contracts, POs, definitive estimate

Upload project monthly report into ITS

ITS monthly reports

Strategic project processes e.g. risk, HR & HSEC management

Carry out execution phase reviews

EPR reports

Operations strategy, plan & procedures, operations phase cost estimate, operational readiness & handover plan,

Prepare a recovery plan if project moves to

Recovery plan

PCOR , IPA close-out report

Close-out report

Prepare SAR if project moves to Critical

Supplementary approval request

Transition to Operations

OPERATION

Operate assets

Carry out post investment review

Client report

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