First Nations Housing Conference 2018

Infrastructure Planning

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Infrastructure

Infrastructure refers to the facilities and systems for the day-to-day use by people to allow the economy of a city, region, or county to function. These facilities and systems can include roads, bridges, sewer & water services, electrical grids, telecommunications, and buildings including housing. All systems in one way or another are interrelated to maintain our society.

Infrastructure ⇨ Capital Projects

1. Leaders in our communities identify a NEED:
   - Power generation – DGS maxed out, need upgrade
   - Overcrowding –Housing shortfall, need renos & new const.
2. Community supports as a “priority”.
3. Leaders direct Staff (local, TC, Consultants)

Capital Projects – INAC

1. FNIIP non-core "Proposal Based" Projects
2. Minor Capital Projects
3. Major Capital Projects
4. Funding Program Announcements – e.g. On Reserve Housing Fund
5. Key Project Information
6. Reporting

Minor Capital Projects

- Non-core funding
- Total project costs under $1.5 million
- Minor Capital Application form
  - Band Council Resolution
  - Environmental Review – Project Description

Minor Capital Application

MINOR CAPITAL PROJECT APPROVAL

For

xxx First Nation

"Project Name Here"

Xxx First Nation: CHIEF AND COUNCIL

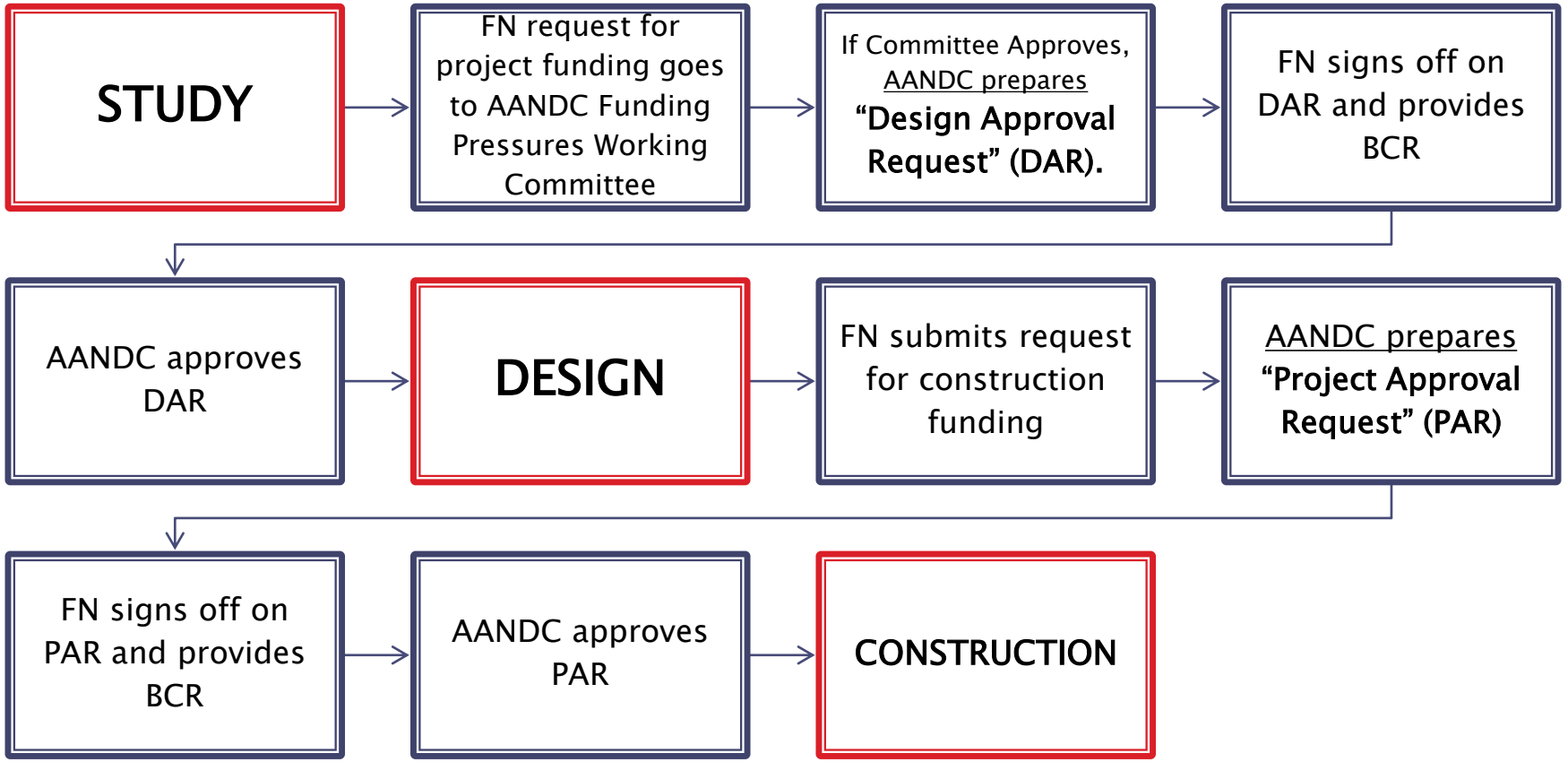
FUNDING AGENT: AANDC

DATE: MONTH, YEAR

Major Capital Projects

- Non-core funding
- Total project costs over $1.5 million
- Preliminary Project Approval & Effective Project Approval (PPA/EPA) documents no longer used.
- New process has internal INAC approval documents (referred to as DAR/PAR)
- Projects $1.5M to $15+M approved at Region
- Projects over $15M approved at Headquarters

Major Capital – Approval Process



Key Project Information

- PIPM (Project Implementation and Procedures Manual, 2005-ww.pwgsc.gc.ca/rps/inac)
- Understand Project Management Principals, Practices and Standard Procedures
- Understand basic Contract Law.
- Rules of Eligibility, Approval Documents

Capital Reporting

On all Capital Projects INAC requires:

- Progress Reports
  - Due dates outlined in project approval letter
- Final completion report
  - Due date and submission requirements outlined in project approval letter

Progress Report

- INAC cover page template
- Physical Report
  - written summary of work done during reporting period
- Financial Statement
  - Shows current expenses, previously reported expenses, total expenses to date, and remaining budget.
  - Use budget from funding applications in spreadsheet
- Capital Reports Form
- Additional Supporting Information

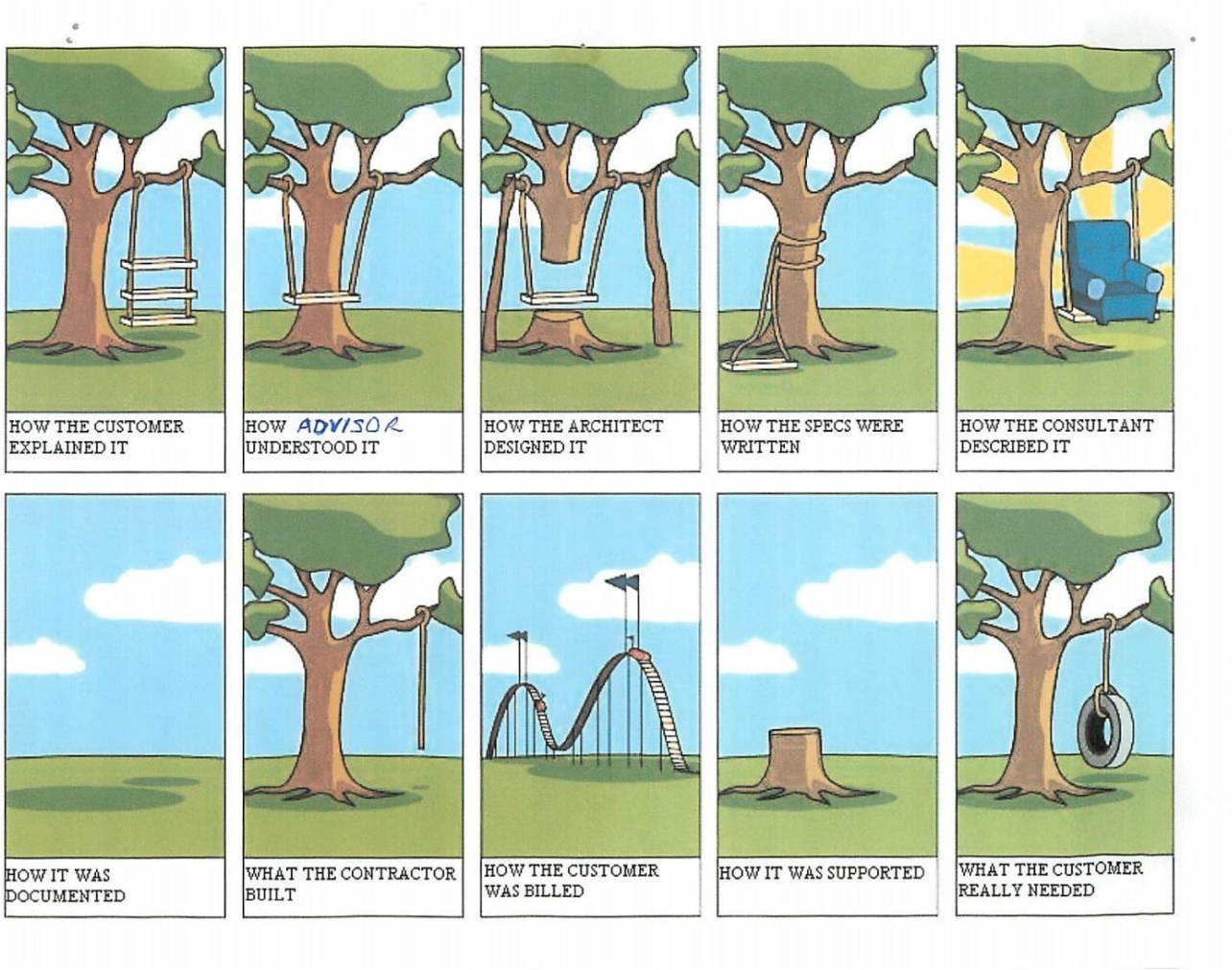
Case Study – Housing

- Review details of housing program (i.e CMHC, INAC)
  - Renovations or new construction
  - Program $ available
  - Deadline for submissions
  - Time frame for project
  - Reporting requirements
  - Who will be doing the work – FN, GC, Sub-trades?
- Complete all reporting as required in format by agency/govt. dept.
  - Cover Page
  - Physical Report
  - Financial Statement
  - Report Forms
  - Building & Utility Inspection Reports

Case Study – New School Program

- Letter from INAC to "Apply" for funding:
  - Minor Capital Application Form for Study
  - Environmental Review Project Description
  - Traditional Design Bid Build (7-10 yrs) or Design Build (3 -5yrs)
  - Design Build Bundling – Project Implementation Cmte.
  - FN Co-ordinators and Planning Co-ordinator
  - RFP for School Study – Award
  - Complete School Study (enrollment and functional plan)
- Funding Package Approved (DAR/PAR):
  - RFP for Professional Project Management
  - RFP for Gap Analysis – Award
  - Administrative Agreement
  - Draft Design Build RFQ + RFP
  - Select Successful Design Build Team
  - Permits & Monitoring
  - Construction

Our Dilemma….


HOW THE CUSTOMER EXPLAINED IT
HOW ADVISOR UNDERSTOOD IT
HOW THE ARCHITECT DESIGNED IT
HOW THE SPECS WERE WRITTEN
HOW THE CONSULTANT DESCRIBED IT
HOW IT WAS DOCUMENTED
WHAT THE CONTRACTOR BUILT
HOW THE CUSTOMER WAS BILLED
HOW IT WAS SUPPORTED
WHAT THE CUSTOMER REALLY NEEDED