

# The Use of Cooperation Experience in Bidding Documents Development

Round-table Discussion  
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# The Use of Cooperation Experience in Bidding Documents Development General

- Fortum intends to build a new NPP unit to Loviisa site in Finland
- An application was rejected on 19 April 2010 by the government
- Bid inquiry documents are ready!

# Cooperation in the nuclear area

- In the main role in the international cooperation are the superpowers acting as alone or together via IAEA.
- The main purpose of this cooperation is to contribute peaceful nuclear use and trade and simultaneously prevent nuclear proliferation.
- Harmonization of legislation and multilateral conventions related nuclear liability is also an important cooperation area.
- The power companies utilizing nuclear energy have integrated into this system.
- Avoidance and removal of trade restrictions is third objective for the international cooperation.

# Influence of international cooperation on bidding documents

- Non-proliferation sets the rules for the nuclear materials and also for equipment used in the nuclear power plant
  - respective clauses shall be written in the contracts
  - import licences shall be applied
  - governments may exchange notes defined by Nuclear Supplier's Group
- Nuclear liability
  - Paris and Vienna Conventions and Joint Protocol related to them
  - appropriate clause "Nuclear Liability" shall be included in the contracts
- Trade restrictions
  - possible restrictions shall be taken into account in the contracts

# Requirements which influence in bidding documents

	Legislation	Authority requirements Regulations	Codes and Standards	Operators
International level	Conventions	International regulations (ICRP, IAEA, WENRA etc)	Codes of Associations (ASME, ISO, IAEA etc)	European Utility Requirements
National level	State agreements Laws	Regulatory guides	National standards	
Utility level		Utility requirements		

Utility requirements shall take care of everything on international and national level

# Successful bidding process

- Prerequisites for a successful bidding process
  - open market
  - skillfull, capable and qualified suppliers
  - utility itself is a desired partner
- Quality of bidding documents is essential
- Bid inquiry is a seed for the plant supply
- Right and sensible utility requirements shall be set
  - requirements too high -> unnecessary cost
  - requirements too low -> non-acceptable plant or product
- Requirements shall be clear, concrete and detailed enough
  - helps comparison of the bids

# Evaluation criteria in selection process

- Fulfilment of the bid inquiry requirements in a general criterion
- Mainly the criteria relate to the safe and economical operation of the plant
- The safe and economical operation relates also strongly to nuclear fuel
- Additionally sustainable development is important
  
- FORTUM's policy is to acquire nuclear fuel products from suppliers whose entire supply chain has quality, environmental and safety certification.
- Additionally, each part of the supply chain must fulfil the local national legislation requirements and international recommendations.
- Supplier candidates will be audited before making a contract.





Thank you for your attention!