part represents a participant

iC is the initiator contribution, tC is the task cost

initProposals() means: nbReply = 0 and proposals = new Map[ActorRef,Contribution]

acquaintances is the set of reducers known by the agent, nbAcq is the number of acquaintances

selectProposal() means: selected becomes the selected bidder; filterNot(selected) represents the set of keys in proposals which are not selected.

nbProp is the number of received proposals