



Contract Plans and Strategy

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Contract Plans and Strategy

Phased Implementation

Phase I: Value Engineering

- Period: Two months

Phase II: Design development and fabrication of prototypes

- Period: Ten months

Phase III: Production

- Period: Fourteen months

Contract Plans and Strategy Awards

Phase I

- Number of awards: Up to three separate awards
- Deliverables: Value Engineering Report

Phase II

- Number of awards: Up to two separate awards
- In the event of two separate awards, one will be for a HAM-type and one for a BSC-type mechanical structure
- Deliverables: Structure designs and prototypes; FFP/production

Phase III: Up to two separate awards

- Number of awards: Up to two separate awards
- In the event of two separate awards, one will be for a HAM-type and one for a BSC-type mechanical structure
- Deliverables: Production units, two to three sets of five of each type

Contract Plans and Strategy Hiatus

Between Phases I and II, one month hiatus

- Phase I inputs may be consolidated into the baseline design enhancements
- Design requirements may be updated
- Phase I contractors may update initial Phase II offers, as appropriate

Between Phase II and Phase III, up to twelve months hiatus

- Design verification and performance demonstration program at MIT
- Final design requirements may be updated
- Phase II contractors may update initial FFP offers for Phase III, as appropriate

Contract Plans and Strategy Competition

- Competition will be preserved through Phase III
- Cross bidding
Designer of one type of a mechanical structure will be given opportunity to compete for the follow-on production awards for both structure types
- Phase III competition may be opened to new contractors

Contract Plans and Strategy Selection Criteria

(Listed in order of decreasing importance)

Phase I

- Capability and qualifications for design & fabrication tasks
- Recent experience with similar products, projects and devices

Phase II

- Capability and qualifications for design & fabrication tasks
- Price
- Value engineering

Phase III:

- Price
- Capability and qualifications for design & fabrication tasks

Contract Plans and Strategy Ownership

- All output on this program becomes the property of Caltech and NSF upon delivery
- Value engineering ideas and any design feature developed in Phase II may be incorporated into subsequent awards to other contractors
- Caltech reserves the right to open Phase III competition to new sources