AGENDA:
• Background and Approach
• Project History
• Design-Build Procurement
SEA LEVEL RISE

+14.30' Projected 2070 MHHW (50 yrs)
+3.0' Wave Action & 3.5' 100-Yr Flood
+12.72' Current MHHW
+3.0' Wave Action & 3.5' 100-Yr Flood
+10.90' Current Top of Pier
+7.77' Projected 2070 MHHW (50 yrs)
+6.22' Current 2015 MHHW

BARGE FLOATING STRUCTURE
FIRE STATION EXISTING CONDITIONS

EXISTING CONDITIONS:
- Current facilities are over 100 years old – costly repairs continue to mount
- Two piers, both deteriorating
  - One is completely unusable, the other is in poor condition
- Fire Station not seismically retrofitted
- Storage offsite, so equipment is out of reach in emergency situations
- Spill response containment booms stored in trailers away from water
- Split operations

EXISTING FACILITY DEFICIENCIES:
- Current facility space is grossly undersized for the operation program
- Locker facilities and restrooms are inadequate
  - Only station with no equal accommodations for female firefighters
- Ongoing fireboat maintenance including welding and other metal work currently done in the existing (unsuitable) wood framed shed structure
- No ambulance access to back of fire station for transfer of injured
- No decontamination space for firefighters and equipment
EXISTING CAPACITY

EXISTING STATION  6,100 GSF

**ASSETS**
- Two Fire Boats
- One Fire Engine

**LIABILITIES**
- Deteriorated Berthing Areas
- No Environmental Responses Equipment Storage, e.g. Oil Spill Boom
- No capacity for: Jet Skis, Small Craft Rescue Equipment, Dive Boat, e.g. Small Rescue Watercraft
- No Storage Areas
- No Decon Area and No Dive Equipment Area
- No Rescue Unloading Area
- No Changing Facilities for Firefighters

Historic FS #35 is 4,736 GSF
Shed is 1,720 GSF
Existing Pier/Dock/Parking Lot: 14,820 GSF
**PROPOSED CAPACITY**

**NEW STATION** 16,339 GSF

**ASSETS**
- Three Fire Boats
- Rescue Watercraft
- Jet Skis
- Dive Boat
- One Fire Engine

**FEATURES**
- Addresses all liabilities of existing facility
- Construction to Essential Facility Standards
- Storage Areas Consolidated for Emergency Response Equipment
- Ambulance Access
- Equipment for Boat Access, Rescue, and Loading and Unloading

Historic FS #35: 4,736 GSF
Existing Pier to remain: 7,000 GSF
Proposed New Barge*: 19,400 GSF
Total Shadow (Remaining + New): 26,400 GSF
*includes: Barge = 14,400 sf; Ramp = 2,000 sf; Float (200’x15’) = 3000 sf
for total shadow of all three NEW components on the Bay
DESIGN-BUILD PROCUREMENT

Panel 1: 4 members (1 SFFD & 1 Port)

Step 1
Mininimum Qualification Application (MQA)
Technical Submittal

RFQ
5 teams submitted and 5 shortlisted:
- Overaa/Dutra, JV
- Nibbi Brothers
- Plant Construction and TEF/KRA, JV
- Swinerton/Power, JV
- Turner/Pfaau Long, JV

Panel 2: 5 members (1 SFFD)

Step 2
Creative Interpretation Exercise
(Design Competition)

RFP - Step 1

3 teams submitted and 2 shortlisted:
- Overaa/Dutra, JV
- Plant Construction and TEF/KRA, JV
- Swinerton/Power, JV

Panel 1: 4 members (1 SFFD)

Step 3
Price Proposal (35%)
to be responsive price proposal must be <= $29.9M FBL
Schedule, Project Approach
Technical Level Design, Oral Interview (65%)

RFP - Step 2

1 responsive proposal submitted:
- Overaa/Dutra, JV
- Swinerton/Power, JV

Total Project Budget: $39.9M
Design-Build Budget: $29.9M
Design-Build Proposal: $29.82M

NEW FIRE BOAT STATION 35 AT PIER 22.5
San Francisco Port Commission | July 11, 2017
CONCEPT 2ND FLOOR PLAN
CONCEPT INTERIOR – DAYROOM/DINING/KITCHEN
CONCEPT ELEVATION - SOUTH
CONCEPT VIEW FROM THE EMBARCADERO
CONCEPT VIEW FROM THE BAY
NEW FIRE BOAT STATION 35 AT PIER 22.5
San Francisco Port Commission | July 11, 2017
NEW FIRE BOAT STATION 35 AT PIER 22.5
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www.sfearthquakesafety.org/fireboatstation35