



Award construction contract for rehabilitation of 3 service connection turnouts on the Upper Feeder

Engineering & Operations Committee

Item 7-2

November 8, 2010

Current Action

- Appropriate \$770,000 in budgeted funds
- Award \$377,000 contract to Minako America Corp. dba Minco Construction to rehabilitate 3 service connection turnouts on the Upper Feeder

Upper Feeder

- Constructed in 1936
- 27 miles long
- Welded steel pipe
- 116-120 inches diameter

Eagle Rock
Control Facility

Weymouth Plant

Joseph Jensen Water
Treatment Plant

LOS ANGELES

VENTURA

F.E.W.
Treatment Plant

Robert B. Diemer
Water Treatment Plant

Henry J. Mills Water
Treatment Plant

RIVERSIDE

Robert A. Skinner
Treatment Plant

ORANGE

SAN DIEGO

Pacific Ocean



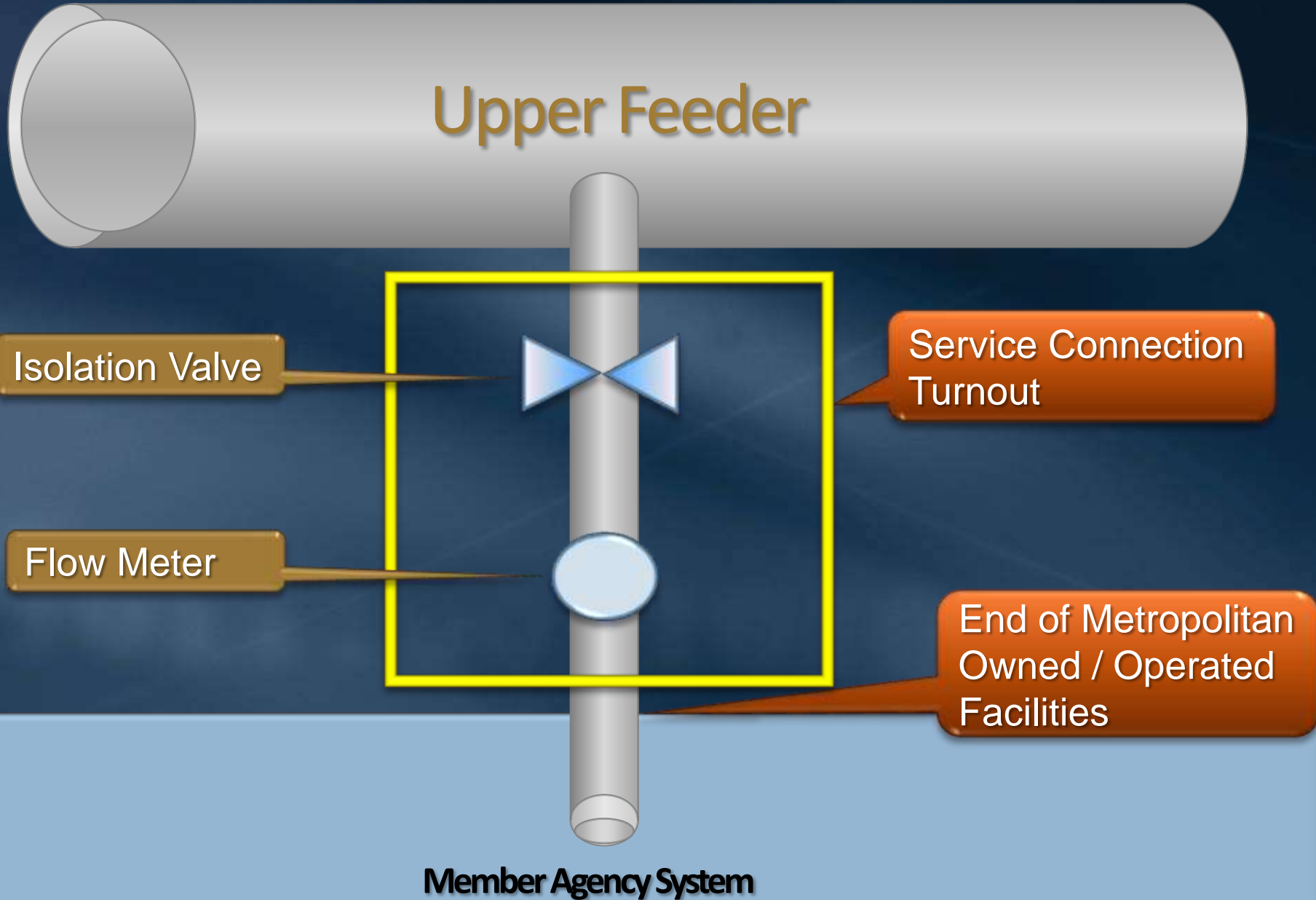
Upper Feeder Service Connection Turnout Rehabilitation



Background

- April 09 inspection
- Rehab. required for 3 turnouts
- 55 to 73 years old isolation valves
- Advanced stage corrosion limited valves operating range

Service Connection Layout



Upper Feeder Service Connection Turnout Rehabilitation



● Background

- Completed final design
- Valve procurement
- Pipe fabrication

● Construction Scope

- Replace gate valves with butterfly valves
- Replace severely corroded piping and
- Recoat all exposed cast iron piping

Bid Results

Specifications No. 1684

Bids Received:	9/29/2010
No. of bidders:	3
Lowest bidder:	Minako America Corp. dba Minco Construction
Lowest bid:	\$ 377,000
Bid range:	\$ 377,000 to \$ 473,313
Engineer's estimate:	\$ 431,000
* SBE Participation:	100%

*SBE (Small Business Enterprise) participation goal = 18%

Requested Funds

Labor

Owner costs (permitting, prog mgt)	\$ 57,460
Submittals review & record drwgs	\$ 70,740
Construction inspection	\$ 113,500
Dewatering & shutdown activities	\$ 83,600
Incidentals	\$ 18,000
Contracts	\$ 377,000
Professional/Technical	\$ 8,000
Remaining budget	\$ 41,700
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Total	\$ 770,000

Schedule

Project	2010		2011	
Upper Feeder Turnout Rehabilitation			 	



Board Action



Construction



Shutdown window



Completion of Construction

Board Options

- Option #1
 - Adopt CEQA determination
 - Appropriate \$770,000 in budgeted funds
 - Award \$377,000 contract to Minako America Corp. dba Minco Construction to rehabilitate 3 service connection turnouts on the Upper Feeder
- Option #2
 - Re-advertise in an attempt to receive more favorable bids

Staff Recommendation

- Option #1

