



Control System Server Replacement

Engineering & Operations Committee

Item 7-2

October 7, 2013

Current Action

- Adopt CEQA determination
- Appropriate \$1,700,000
- Authorize award of SCADA Server Procurement contract for \$1,028,180.65 to Nth Generation Computing, Inc.

Server Locations

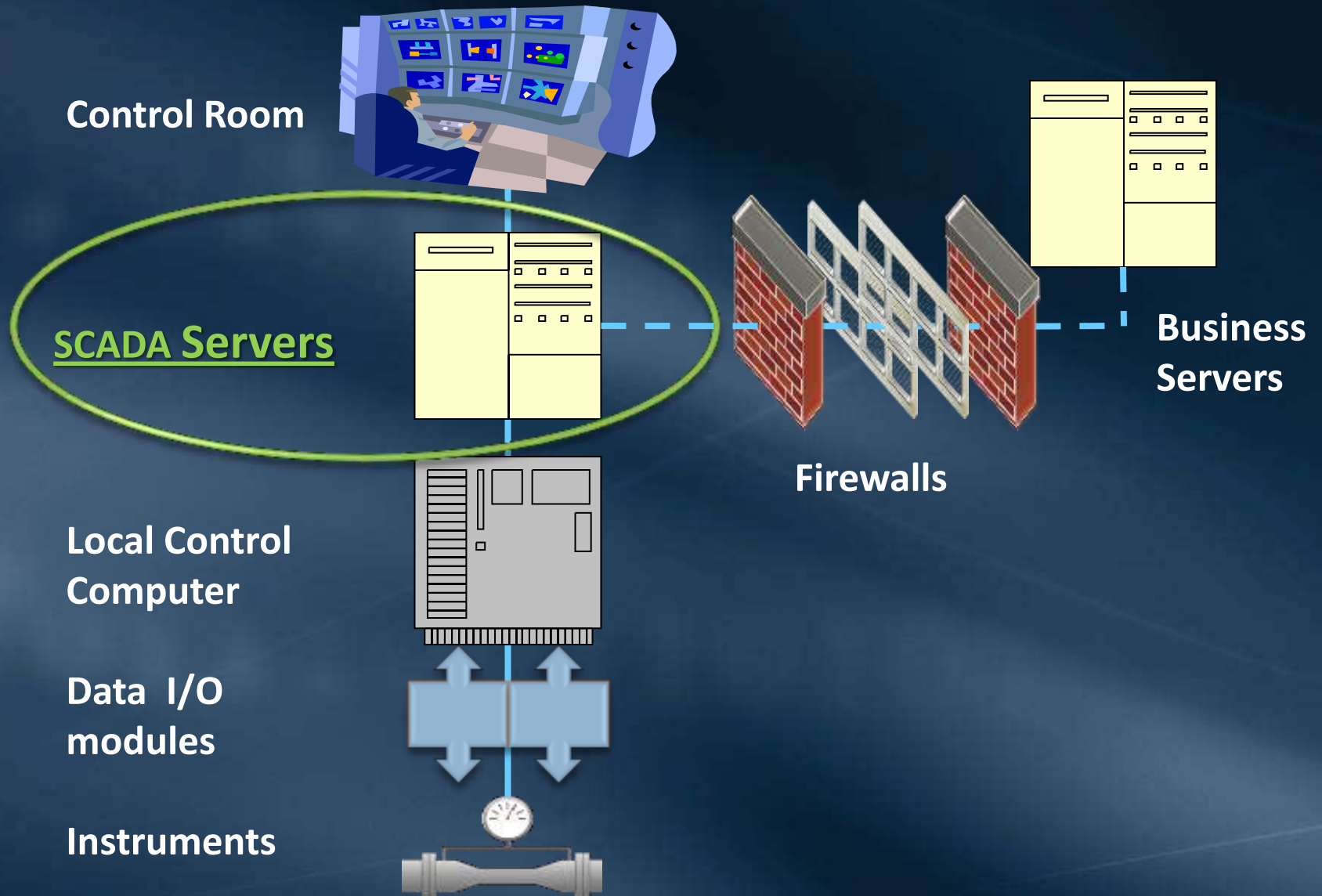


SCADA Servers

- Store and run control system software and Operator interfaces
- Collect and store all operational / control system data for both operations and business decisions



SCADA Servers



Background

- Current SCADA Server ages: 8 to 12 years
 - Typical server life: approximately 8 years
 - Server hardware and spare parts no longer made; nearing end of life

Scope of Work

- Procurement
 - 32 servers and ancillary hardware
- Installation
 - 30 servers
 - 15 field locations across service area
- Configuration
- Testing
- Control system cutover
- All work performed by Metropolitan staff

Vendor Selection

- RFB issued June 2013
- Six bids received
 - All six responsive and evaluated
 - Lowest responsive bid, \$1,028, 180.65, Nth Generation Computing, Inc.
 - Five next bids ranged from \$1.1 M to \$1.53 M
- Budgetary estimate was \$1,098,000

Requested Funds

SCADA Server Replacement

Equipment Contract

\$1,028,000

Labor

Installation, configuration, testing:

321,000

30 Servers / 15 locations

Program and contract mgmt.

180,000

Remaining Budget

171,000

Total

\$1,700,000

Schedule

Activity	2013	2014
SCADA Server Replacement		



Procurement



Board Action



**Configure, Install, Test,
Deploy**



Completion

Board Options

- Option #1
 - Adopt CEQA determination that the proposed action is categorically exempt
 - Appropriate \$1,700,000
 - Award \$1,028,180.65 contract to Nth Generation Computing, Inc.
- Option #2
 - Do not authorize the SCADA Server Replacement at this time

Staff Recommendation

- Option #1

