San Francisco City & Contractors Liaison Meeting

October 26, 2016
Welcome and introductions
Collaborative Partnering update – Rob Reaugh, OrgMetrics
San Francisco City & Contractors Liaison Meeting

October 26, 2016
Mission
Working together to make the City and County of San Francisco the “Owner of Choice”

Objectives
• To identify barriers to successful project delivery and develop recommendations to overcome them
• To be partnering champions that drive the culture of collaboration
San Francisco partnering by the numbers

6+ City departments
94 different prime contractors
26 different facilitators

205 partnered projects:

137 projects (level 1) $100,000 - $5 million
33 projects (level 2) $5 - $20 million
16 projects (level 3) $20 - $50 million
11 projects (level 4) $50 - $200 million
8 projects (level 5) $200+ million

53% increase in # partnered projects from July 2015

July 2013 – June 2016
Partnered Projects by Level and City Agency

July 2013–June 2016

Number of Records

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Partnered Projects by Construction Budget

July 2013–June 2016

- SFO: $2,447M
- Public Works: $1,487M
- SFPUC: $1,288M
- SFMTA: $1,018M
- Rec & Park: $74M
- Port: $12M
SF Collaborative Partnering Steering Committee

Representation

- City of San Francisco (Public Works, SFMTA, SFPUC, Rec Park, Port, Airport, Budget Office)
- United Contractors
- Associate General Contractors - California
- National Association of Minority Contractors - Northern California Chapter
- Asian American Contractors Association
- Construction Employers’ Association
- Construction Management Association of America – Northern California
- American Institute of Architects – San Francisco
- American Society of Civil Engineers – San Francisco Section
- International Partnering Institute
Areas of Focus for 2016-2017

Program Level Partnering issues

- Contract Change Order Process
- Project Close-outs, etc.

Subcommittees

- Performance Measures – Partnering implementation and efficacy
- Education and Training – Identify the “barriers to collaboration” on projects and develop tools and guidance to overcome them
Quick Hits: Ways to improve partnering in the next 90 days (by Feb. 8)

1. Project managers will include partnering on their weekly staff meeting agendas (similar to safety) in order to establish partnering as a stated priority for our project teams.

2. Partnering will be on the agenda for pre-construction meetings in order to emphasize to our new project teams that we are committed to the partnering process.
Contractor evaluation and best value update
Construction safety –
Nancy George, General Services Agency
Are You Ready for a Cal/OSHA Enforcement Inspection?

The City and County of San Francisco Experience

Nancy George, MPH, CIH, CSP
GSA Manager, Health and Safety
When Do You Need to Notify Cal/OSHA Enforcement of a Workplace Incident?

When an employee dies, requires inpatient hospitalization for a period in excess of 24 hours for other than medical observation, or in which an employee suffers a loss of any member of the body or suffers any serious degree of permanent disfigurement.

Notify within 8 hours of learning of the incident.

415-557-0100

Rule of Thumb – whenever you need to call an ambulance, call Cal/OSHA.
When Does Cal/OSHA Come to Your Job Site?

They Respond to:

- Employee Complaints
- Serious Incident Reports
- Targeted/Programmed Inspections

Cal/OSHA Priorities – situations that result in serious injuries or death:

- Falls
- Machine Guarding
- Heat
- Exposed Rebar
- Confined Spaces and Unshored Trenches
What can you do to be ready to respond to an Inspection?

Follow and Document Injury and Illness Prevention!
• Have a written program
• Have documented safety meetings and trainings
• Have employees sign off on safety procedures for each task they perform, even routine simple tasks
• Set work standards
• Enforce proper and consistent use of PPE
• Disciplinary records for safety infractions
• Conduct inspections and make corrections

You must have documentation of everything!
How Can We Prevent Serious Injuries and Illnesses?

• Pre-Plan and Identify Safety Hazards Before Job Begins
• Look for unusual conditions that will create unique safety hazards, and correct hazards ahead of time.
• Anticipate narrow streets, heavy traffic, pedestrians, and bicycles.
• Accidents often happen when performing routine tasks.

YOUR SAFETY PROGRAM CANNOT BE RELYING ON LUCK
QUESTIONS?

Thank you!
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Working in the street – new construction brochures
San Francisco City & Contractors Liaison Meeting

As-Needed Construction Master Services Agreement process – Stacey Camillo, SF Public Works
As-Needed Master Service Agreements for Construction

Stacey Camillo, Contract Administration Division Manager

October 26, 2016

• Section 6.64 As-Needed Construction Contracts
  - General As-Needed Contracts – construction services with one contractor on an as-needed basis for specific trade (estimated quantities)
  - Master As-Needed Agreements – multiple contractors who are qualified under a specific scope
Public Works is seeking multiple trades for As-Needed Construction Master Services Agreements

- Concrete Sidewalk Repair (advertised on 10/7)
- Electrical Services Micro-LBE Project (advertised on 10/13)
- Tree Service
- Fencing
- Roofing
- Scaffolding
- Heating Ventilation and Air Conditioning (HVAC)
- Fire Protection
The As-Needed Master Service Agreement process

- Contractors submit a completed Request for Qualifications package
- Panel will evaluate
- Qualified Contractors will enter into a contract with Public Works
- Competition of at least 3 contractors on a specific contract service order (≤$600K)
- Low bid wins
- Bonding on at least 25% of overall contract value (only if awarded a CSO)
Additional notes on the as-needed pool

• No guarantee of work
• Contracts are for 5 years, no CSOs issued after the 4th year
• We are posting these opportunities on a continuous basis
• Contractors in the pool who do not get a contract or whose contract expires must resubmit qualifications packets for consideration every two years
Want to work with San Francisco Public Works?

Public Works Contractors’ Workshop

We’re introducing a **new As-Needed Construction Master Services Agreement** process to quickly contract with contractors from many trades. It’s a new and efficient way to get access to City work. We’re looking for contractors who do work such as tree service, concrete sidewalk repair, fencing, electrical repair, roofing, scaffolding, HVAC and fire protection.

Because it’s a new contracting process, we’re holding a workshop to teach you how to apply. It’s actually a simple, quick process. We have a lot of work coming up in the next few years and we need more contractors on board to help us out. Join us!

**Date:** Thursday, November 3, 2016  
**Time:** 3:00 – 4:00 p.m.  
**Place:** SFPUC Contractors Assistance Center  
150 Executive Park Blvd., Suite 1300

Let us know you’re coming — call San Francisco Public Works at 415-554-6229.

Check out our current bid advertisements at sfpublicworks.org/ContractsAndBids.
Thank you!

www.sfdpw.org
Protecting trees during construction—
Erin Maehr, SF Public Works
Tree Protection Requirements

San Francisco City/Contractors Liaison Committee
October 26, 2016
WHY TREES?
Who cares?
Tree Benefits

- Provides shade and reduces ambient temp
- Stormwater capture
- In summer, reduce cooling costs in buildings
- Provide aesthetic beauty
- Increase positive mental outlook
- Increase property values
- Filter pollutants
- Shelter wildlife
- Muffle noise
- Encourage walkers
- Slows drivers
BY THE NUMBERS

Scientists at the U.S. Forest Service and elsewhere have developed tools to quantify the many benefits and ecosystem services provided by urban trees. These estimates indicate the magnitude of benefits our trees collectively return to the city—millions of dollars. For every $1 spent on public street trees, it is estimated that San Francisco receives $4.37 in benefits—a tremendous return on investment.

669,000
Estimated number of trees in San Francisco.

1,700,000,000
Estimated capital value of San Francisco’s urban forest (i.e., replacement cost for all existing trees within the city).

516,468,000 gal
Estimated gallons of water trees divert from the sewer system each year.

98,272,878
Increase in property values provided by San Francisco’s trees annually.

196,000 tons
Amount of carbon stored by the city’s trees each year.

9,439,309
Value of environmental benefits (hydrological, air quality, and carbon storage) provided annually by the urban forest.

260 tons
Amount of atmospheric pollutants filtered by the urban forest annually.

3. Based on estimate of an average 774 gallons intercepted annually per tree (Davey Resource Group 2013).
1” DBH (Diameter at Breast Height) = 1.5’ radius CRZ
20” DBH tree = 30’ radius CRZ

Roots extend 2 to 3 times out beyond the drip line

DBH measured at 4.5’

Critical Root Zone – zone for optimal tree protection
Crown dieback
Often evident only after several years

Tree / building incompatibility

Bark wounds

Material storage

Raising and lowering of soil levels

Soil pollution

Compaction

Root dieback

Excavation and stripping of topsoil

Trenching for drains and service runs
Protection of Trees and Landscape Material

- New components enacted 7/15/2015
- Construction work = Protection of trees required
  - Street
  - Significant
  - Landmark
- Tree Protection Plan required -
  - drawn up by certified arborist
  - $151.00 review fee

- Failure to comply could result in a cease work order or citations
Section 01 56 39 Temporary Tree & Plant Protection

• certified Arborist must be hired by Contractor
  • Arboricultural work must be under supervision of the “Arborist” at all times (root pruning, pruning, removal, etc.)

• tree protection required
• pre bid meeting includes discussion of tree impacts/issues

READ the Specifications!
Design considerations – If there will be impact within the drip line of the tree – involve Urban Forestry as early as possible in the process!
Street Tree Protection Detail

PLAN VIEW

ORANGE SNOW FENCING AROUND

2"Ø GALVANIZED IRON POSTS, TYP.

3'-0" MIN.

2x4 BOARD

SIDEWALK

6'-0"

2'-0"

3'-0" MIN.

2"Ø GALVANIZED IRON POSTS, TYP.

ORANGE SNOW FENCING AROUND

STREET TREE PROTECTIVE FENCE

SCALE: 1/4" = 1'-0"
Masonic Streetscape Project – install protection before construction begins
Dolores Street sewer installation before
Dolores Street sewer installation - after
PLEASE CALL 415-554-6700
EMAIL:
urbanforestry@sfdpw.org

Thank you for preserving our urban forest!
Expanded work opportunities and upcoming construction work
San Francisco City & Contractors Liaison Meeting

General forum, Q & A, announcements
San Francisco City & Contractors Liaison Meeting

Adjourn

Special thanks to United Contractors for refreshments