

DEPARTMENT OF GENERAL SERVICES PROCUREMENT DIVISION

California's Environmentally Preferable Purchasing Program: Background and the Big Picture

November 14, 2018

Environmentally Preferable Purchasing Program (EPP)

Daniel Q. Garza, P.E.

Daniel.Garza@dgs.ca.gov

(916) 375-4529

Environmentally Preferable Purchasing Program (EPP)

- What is EPP? What is EPP Unit's Role
- How do we incorporate EPP into statewide contracts
- How to Buy EPP?
- Executive Orders and EPP
- What's Next for EPP?

Environmentally Preferable Purchasing Program (EPP)

- What is EPP?
 - PCC 12400-12404
 - “... environmentally preferable purchasing” means the procurement or acquisition of goods and services that have a lesser or reduced effect on human health and the environment when compared with competing goods or services that serve the same purpose.”

Environmentally Preferable Purchasing Program (EPP)

- What is EPP?
 - PCC 12400-12404
 - “...take into consideration, to the extent feasible, raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, disposal, energy efficiency, product performance, durability, safety, the needs of the purchaser, and cost.”

Environmentally Preferable Purchasing Program (EPP)

- What does it mean?
 - Lifecycle Analysis
 - “cradle to grave”



Environmentally Preferable Purchasing Program (EPP)

- What does it mean?
 - Lifecycle Thinking
 - “ownership cost”



Environmentally Preferable Purchasing Program (EPP)

- “Greening” a Contract
 - Specifications may include
 - Positive Environmental Attributes
 - Reference to Environmental laws and regulations
 - Reference to 3rd Party Environmental Certifications

Environmentally Preferable Purchasing Program (EPP)

- Environmental Attributes
 - May include
 - Energy efficiency
 - Resource Conservation and Protection
 - Waste Reduction
 - Reduced Pollution
 - Lower Toxicity



Environmentally Preferable Purchasing Program (EPP)

- Laws & Regulations
 - Dept. of Resources Recycling and Recovery (CalRecycle)
 - State Agency Buy Recycled Campaign (SABRC)
 - Air Resources Board (ARB)
 - AB 32 Climate Change
 - ARB's Reducing Air Pollution Programs
 - Dept. of Toxic Substances Control (DTSC)
 - Toxics in Products
 - Green Chemistry

Environmentally Preferable Purchasing Program (EPP)

- Laws & Regulations con't
 - Buy Clean California Act
 - Global Warming Potential
 - Environmental Product Declarations
 - Prohibits Installation of non compliant materials
 - Implementation Dates
 - 1/1/2021: DGS publishes the max GWP
 - 7/1/2021: Awarding authorities must verify max GWP

Environmentally Preferable Purchasing Program (EPP)

- Product Certifications



Environmentally Preferable Purchasing Program (EPP)

- Greening Contracts
 - Printers and Multi Functional Devices (MFDs)
 - Ecologo/Blue Angel
 - Indoor air emissions evaluation
 - Blue Angel equivalent
 - Engineering expertise
 - EPEAT
 - Primary certification

Environmentally Preferable Purchasing Program (EPP)

- How to Buy EPP?
- Statewide Commodity Contracts
 - State Contract Listing
 - Buying Green Website
- Non Statewide Commodity Contracts
 - SCM Vol. 2&3 Topic 11, EPP
 - Purchasing standards
 - Using eco-labels (Matrix example)

Environmentally Preferable Purchasing Program (EPP)

- How to Buy EPP?
 - State Contract Listing
 - <http://www.documents.dgs.ca.gov/pd/contracts/ContractIndexListing.pdf>
 - Buying Green Website
 - <http://www.dgs.ca.gov/buyinggreen/Home.aspx>

Environmentally Preferable Purchasing Program (EPP)

- How to buy EPP?
 - SCM Vol. 2&3, Ch 3., Topic 11, EPP
(<http://www.dgs.ca.gov/pd/Resources/publications/SCM2.aspx>)
 - Purchasing standards
(<http://www.dgs.ca.gov/pd/Programs/Engineering/PurchasingStandards.aspx>)
 - Using eco-labels
 - DGS/EPP eco-labels
(<http://www.dgs.ca.gov/buyinggreen/GeneralInfo/BuyingGreenTPCM.aspx>)
 - Eco-labels website
(<http://www.ecolabelindex.com/>)

Environmentally Preferable Purchasing Program (EPP)

- Executive Order (E.O.) B-16-2012
 - Electric vehicles
- Executive Order (E.O.) B-18-12
 - Green Building Action Plan
 - Identifies specific commodities
- How do I comply with E.O. B-18-12?
 - Increase EPP
 - Specific commodities
 - Utilize Statewide Contracts

Environmentally Preferable Purchasing Program (EPP)

- What does the Future hold?
 - More EPP?
 - EPP Reporting?
 - Green Gov Challenge
 - <http://www.dgs.ca.gov/dgs/Home/GreenGovChallenge.aspx>
 - Green California
 - <https://www.green.ca.gov/>

California's Environmentally Preferable Purchasing Program: Background and the Big Picture



Questions??

Daniel Q. Garza, P.E.

Daniel.Garza@dgs.ca.gov

(916) 375-4529