

# GUIDANCE FOR REVIEWING ARMY CONTRACTS FOR COMPLIANCE WITH SUSTAINABLE PROCUREMENT REQUIREMENTS

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1. Purpose and Scope. The purpose of this document is to provide contract reviewers with guidance on determining compliance with Sustainable Procurement requirements when conducting contract reviews. Attachments 1 – 4 are key references as described in paragraph 2. Attachment 5 provides applicable specifications and clauses, organized by contract type, that should be included to comply with mandatory preference programs. It includes nine types of contracts that commonly involve the purchase or use of products with sustainable alternatives. If a contract being reviewed is not in one of these nine categories, the information in Attachment 5 serves as an example of specifications and clauses that still may be included.
  
2. Preparing for the Review. The first step in conducting the contract reviews is to access the lists of products with mandatory procurement requirements and a list of Federal Acquisition Regulation (FAR) provisions and clauses. These include:
  - The U.S. Environmental Protection Agency's (EPA's) Comprehensive Procurement Guideline (CPG) list of designated products that must contain recovered/recycled material (<http://www3.epa.gov/epawaste/consERVE/tools/cpg/products/>). (This temporary website will be replaced with [www.epa.gov/cpg](http://www.epa.gov/cpg).) The list as of 1 Jan 2016 is provided as Attachment 1.
  
  - The U.S. Department of Agriculture's (USDA's) BioPreferred Program list of product categories that must have biobased content (<http://www.biopREFERRED.gov/BioPreferred/faces/pages/ProductCategories.xhtml>). The list as of 1 Jan 2016 is provided as Attachment 2.
  
  - The U.S. Department of Energy's (DOE's) list of product categories covered by energy-efficient programs (i.e., Energy Star, Federal Energy Management Program (FEMP)-Designated, FEMP Low Standby Power, and Electronic Product Environmental Assessment Tool (EPEAT)) and the WaterSense program; see <http://energy.gov/eere/femp/find-product-categories-covered-efficiency-programs>. The list as of 1 Jan 2016 is provided as Attachment 3.
  
  - A list of FAR provisions and clauses that pertain to Sustainable Procurement. The complete list of FAR provisions and clauses is in FAR Part 52 - Solicitation Provisions and Contract Clauses and is available at <https://www.acquisition.gov/sites/default/files/current/far/html/FARTOCP52.html>. Click on a clause number to view the text of that clause. The clauses that pertain

to Sustainable Procurement are 52.204-4 and most of the clauses from 52.223-1 through 52.223-17. A list of the current clauses is provided as Attachment 4.

Periodic updates are made to each of these four lists, so reviewers should consult the cited websites to ensure they are working with the current lists.

3. Performing the Review. Reviewers should evaluate contract documents to determine if the mandated programs above are being met and if other environmentally preferable products or practices are specified. Use Attachment 5 to determine which specifications and clauses might apply to the contract, based on the contract types listed. Review the performance work statement (PWS) (or other section with specifications) to see if sustainable products are specified, particularly the mandated products in Attachments 1-3. Also review the FAR provisions and/or clauses list. Some contracts may list the applicable clause(s) by number and title, or may include the full text of the applicable clause(s) – either is considered compliant. Other contracts may contain a comprehensive clause list with clauses that apply to the contract marked with an “X”; in this case, the applicable Sustainable Procurement clause(s) must be marked for the contract to be considered compliant. Attachment 5 provides information on applicable specifications and clauses by contract type to comply with mandatory preference programs. The attachment also includes additional specifications and clauses that may be included to address other purchasing preference programs.

## ATTACHMENT 1: EPA-DESIGNATED RECOVERED MATERIAL PRODUCTS

The following table lists the EPA-designated items must contain recycled material. The list is current as of 1 Jan 2016. The list is periodically updated; reviewers should check EPA's website <http://www3.epa.gov/epawaste/consERVE/tools/cpg/products/> for updates.

Construction Products	Landscaping Products
<ul style="list-style-type: none"> <li>• Building insulation</li> <li>• Carpet &amp; carpet pads</li> <li>• Cement and concrete</li> <li>• Consolidated and reprocessed latex paint</li> <li>• Floor tiles</li> <li>• Flowable fill</li> <li>• Laminated paperboard</li> <li>• Modular threshold ramps</li> <li>• Nonpressure pipe</li> <li>• Patio blocks</li> <li>• Railroad grade crossings/surfaces</li> <li>• Roofing materials</li> <li>• Shower and restroom dividers</li> <li>• Structural fiberboard</li> </ul>	<ul style="list-style-type: none"> <li>• Compost</li> <li>• Fertilizer</li> <li>• Garden and soaker hoses</li> <li>• Hydraulic mulch</li> <li>• Landscaping timbers and posts (plastic lumber)</li> <li>• Lawn and garden edging</li> </ul>
	Transportation Products
Vehicular Products	Miscellaneous Products
<ul style="list-style-type: none"> <li>• Engine coolants</li> <li>• Rebuilt vehicle parts</li> <li>• Re-refined lubricating oils</li> <li>• Retread tires</li> </ul>	<ul style="list-style-type: none"> <li>• Awards and plaques</li> <li>• Bike racks</li> <li>• Blasting grit</li> <li>• Industrial drums</li> <li>• Mats</li> <li>• Pallets</li> <li>• Signage, including supports</li> <li>• Sorbents</li> <li>• Strapping and stretch wrap</li> </ul>
Parks & Recreation Products	
Paper & Paper Products	Non-Paper Office Products
<ul style="list-style-type: none"> <li>• Commercial/industrial sanitary tissue products</li> <li>• Miscellaneous papers</li> <li>• Newsprint</li> <li>• Paperboard and packaging products</li> <li>• Printing and writing papers</li> </ul>	<ul style="list-style-type: none"> <li>• Binders (paper, plastic covered)</li> <li>• Office furniture</li> <li>• Office recycling containers &amp; waste receptacles</li> <li>• Plastic clipboards &amp; clip portfolios</li> <li>• Plastic desktop accessories</li> <li>• Plastic binders, envelopes, file folders, &amp; presentation folders</li> <li>• Plastic trash bags</li> <li>• Printer ribbons</li> <li>• Toner cartridges</li> </ul>

## ATTACHMENT 2: USDA-DESIGNATED BIOPREFERRED PROGRAM PRODUCT CATEGORIES

The following list is current as of 1 Jan 2016. The list is periodically updated, so reviewers should check USDA's website <http://www.biopREFERRED.gov/BioPreferred/faces/pages/ProductCategories.xhtml> for updates.

Use Category	Biobased Product Categories	
Construction	Blast media Carpet Composite panels Floor coverings (non-carpet) Interior paints and coatings Paint removers Penetrating liquids	Plastic insulating foam Roof coatings Wastewater Systems coatings Water tank coatings Wood and concrete sealers Wood and concrete stains
Food Service	Disposable containers Disposable cutlery	Disposable tableware Food cleaners
Groundskeeping	Agricultural spray adjuvants Animal repellants Bioremediation materials Compost activators and accelerators Concrete and asphalt cleaners Dethatchers	Dust suppressants Erosion control materials Fertilizers General purpose de-icers Mulch and compost materials Sorbents Water clarifying agents
Industrial Lubricants and Fluids	2-cycle engine oils Asphalt and tar removers Asphalt restorers Chain and cable lubricants Concrete and asphalt release fluids Corrosion preventatives Diesel fuel additives Engine crankcase oil Expanded polystyrene foam recycling products Firearm lubricants Fluid-filled transformers Forming lubricants Fuel conditioners	Gasoline fuel additives Gear lubricants Greases Heat transfer fluids Hydraulic fluids Inks Metalworking fluids Multipurpose lubricants Parts wash solution Penetrating lubricants Pneumatic equipment lubricants Slide way lubricants Turbine drip oils Water turbine bearing oils
Janitorial	Adhesive and mastic removers Air fresheners and deodorizers Aircraft and boat cleaners Bathroom and spa cleaners Carpet and upholstery cleaners Dishwashing products Electronic components cleaners Floor cleaners and protectors Floor strippers General purpose household cleaners Graffiti and grease removers	Glass cleaners Industrial cleaners Ink removers and cleaners Laundry products Leather, vinyl, and rubber care products Metal cleaners and corrosion removers Microbial cleaning products Multipurpose cleaners Oven and grill cleaners Specialty precision cleaners and solvents

Use Category	Biobased Product Categories	
Miscellaneous	Bedding, bed linens, & towels Candles and wax melts Films	Packing and insulating materials Thermal shipping containers
Personal Care	Animal cleaning products Bath products Cuts, burns, and abrasions ointments Deodorants Foot care products Hair care products	Hand cleaners and sanitizers Lip care products Lotions and moisturizers Shaving products Sun care products Topical pain relief products

### ATTACHMENT 3: DOE PRODUCT CATEGORIES COVERED BY EFFICIENCY PROGRAMS

The following list is current as of 1 Jan 2016. The list is periodically updated, so reviewers should check DOE's website (<http://energy.gov/eere/femp/find-product-categories-covered-efficiency-programs>) for updates.

Product Category	Product Type	Energy Star	FEMP Designated	EPEAT	FEMP Low Standby Power	WaterSense
Air Purifiers and Cleaners	Appliances	X				
Clothes Dryers (Residential)	Appliances	X				
Clothes Washers (Commercial)	Appliances	X				
Clothes Washers (Residential)	Appliances	X				
Dehumidifiers	Appliances	X				
Dishwashers (Residential)	Appliances	X				
Freezers (Residential)	Appliances	X				
Refrigerators (Residential)	Appliances	X				
Audio/Video Equipment	Electronics and Information Technology	X				
Computers: Desktops, Workstations, and Thin Clients	Electronics and Information Technology	X		X	X	
Computers: Notebooks and Integrated Computers	Electronics and Information Technology	X		X		
Computers: Small-Scale Servers	Electronics and Information Technology	X				
Data Center Storage	Electronics and Information Technology	X				
Displays	Electronics and Information Technology	X		X		
Enterprise Servers	Electronics and Information Technology	X				
Imaging Equipment	Electronics and Information Technology	X		X		
Set-Top and Cable Boxes	Electronics and Information Technology	X				
Small Network Equipment	Electronics and Information Technology	X				
Telephones	Electronics and Information Technology	X				

Product Category	Product Type	Energy Star	FEMP Designated	EPEAT	FEMP Low Standby Power	WaterSense
Televisions	Electronics and Information Technology	X		X		
Uninterruptible Power Supplies	Electronics and Information Technology	X				
Dishwashers (Commercial)	Food Service Equipment (Commercial)	X				
Fryers (Commercial)	Food Service Equipment (Commercial)	X				
Griddles (Commercial)	Food Service Equipment (Commercial)	X				
Hot Food Holding Cabinets	Food Service Equipment (Commercial)	X				
Ice Machines, Air-Cooled	Food Service Equipment (Commercial)	X				
Ice Machines, Water-Cooled	Food Service Equipment (Commercial)		X			
Ovens (Commercial)	Food Service Equipment (Commercial)	X				
Refrigerated Beverage Vending Machines	Food Service Equipment (Commercial)	X				
Refrigerators and Freezers (Commercial)	Food Service Equipment (Commercial)	X				
Steam Cookers (Commercial)	Food Service Equipment (Commercial)	X				
Air-Source Heat Pumps (Residential)	Heating and Cooling	X				
Boilers (Commercial)	Heating and Cooling		X			
Boilers (Residential)	Heating and Cooling	X				
Ceiling Fans (Residential)	Heating and Cooling	X				
Central Air Conditioners (Residential)	Heating and Cooling	X				
Electric Chillers, Air-Cooled (Commercial)	Heating and Cooling		X			
Electric Chillers, Water-Cooled (Commercial)	Heating and Cooling		X			
Electric Resistance Water Heaters (Residential)	Heating and Cooling		X			
Gas Furnaces (Residential)	Heating and Cooling	X				

Product Category	Product Type	Energy Star	FEMP Designated	EPEAT	FEMP Low Standby Power	WaterSense
Gas Storage Water Heaters (Residential)	Heating and Cooling	X				
Gas Water Heaters (Commercial)	Heating and Cooling	X				
Geothermal Heat Pumps (Residential)	Heating and Cooling	X				
Heat Pump Water Heaters (Residential)	Heating and Cooling	X				
Light Commercial Heating and Cooling Equipment	Heating and Cooling	X				
Room Air Conditioners (Residential)	Heating and Cooling	X				
Solar Water Heaters (Residential)	Heating and Cooling	X				
Ventilation Fans (Residential)	Heating and Cooling	X				
Whole-Home Tankless Water Heaters (Residential)	Heating and Cooling	X				
Exterior Lighting	Lighting		X			
Fluorescent Ballasts	Lighting		X			
Fluorescent Lamps, General Service	Lighting		X			
Fluorescent Luminaires	Lighting		X			
Industrial Lighting (High/Low Bay)	Lighting		X			
Light Bulbs	Lighting	X				
Light Fixtures (Residential)	Lighting	X				
Light Fixtures, Luminaires (Commercial)	Lighting	X				
Suspended Luminaires	Lighting		X			
Cool Roof Products	Other	X				
Decorative Light Strings	Other	X				
Faucets	Other					X



Product Category	Product Type	Energy Star	FEMP Designated	EPEAT	FEMP Low Standby Power	WaterSense
Pool Pumps	Other	X				
Pre-Rinse Spray Valves	Other					X
Showerheads	Other					X
Toilets	Other					X
Urinals	Other					X
Water Coolers	Other	X				
Windows, Doors, and Skylights	Other	X				
Battery Chargers	Suspended Product Category					
Distribution Transformers	Suspended Product Category					
Electric Motors	Suspended Product Category					

#### **ATTACHMENT 4: FAR PART 52, SOLICITATION PROVISIONS AND CONTRACT CLAUSES PERTAINING TO SUSTAINABLE PROCUREMENT**

FAR Clause 52.204-4, Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper. Requires contractors to print and copy documents double-sided on at least 30% post-consumer recycled-content paper.

FAR Provision 52.223-1, Biobased Product Certification. Requires the offerer to certify that biobased products (within categories of products listed by the U.S. Department of Agriculture (USDA) in 7 CFR part 2902, subpart B) will be used or delivered in the performance of the contract.

FAR Clause 52.223-2, Affirmative Procurement of Biobased Products under Service and Construction Contracts. Requires contractors to make maximum use of biobased products that are USDA-designated items.

FAR Provision 52.223-4, Recovered Material Certification. Requires the offeror to certify that the products offered meet the minimum content level required in the solicitation.

FAR Clause 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items. Requires contractors to submit estimates of the percentage of the total recovered material content for EPA-designated item(s) delivered and/or used in contract performance, including, if applicable, the percentage of post-consumer material content.

FAR Clause 52.223-10, Waste Reduction Program. Requires contractors to establish a program to promote cost-effective waste reduction and affirmative procurement programs in all operations and facilities covered by contract.

FAR Clause 52.223-11, Ozone-Depleting Substances. Requires contractors to label products which contain or are manufactured with ozone-depleting substances.

FAR Clause 52.223-13, Acquisition of EPEAT-Registered Imaging Equipment. Requires contractors to furnish only imaging equipment that is EPEAT bronze-registered or higher.

FAR Clause 52.223-14, Acquisition of EPEAT-Registered Televisions. Requires contractors to furnish only televisions that are EPEAT bronze-registered or higher.

FAR Clause 52.223-15, Energy Efficiency in Energy-Consuming Products. Requires contractors to ensure that energy-consuming products are energy efficient products (*i.e.*, ENERGY STAR® products or FEMP-designated products) at the time of contract award.

FAR Clause 52.223-16, Acquisition of EPEAT-Registered Personal Computer Products. Requires contractors to furnish only personal computer products that are EPEAT bronze-registered or higher.

FAR Clause 52.223-17, Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts. Requires contractors to maximize the use of products containing recovered materials that EPA-designated items in the execution of the contract unless one of the three exceptions (price, performance, availability) applies.

## ATTACHMENT 5 - Applicable Specifications and Clauses by Type of Contract

Type of Contract	What Should Be Included in the Contract	
Janitorial or Custodial	To meet mandatory requirements	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify that the contractor will use recycled-content paper products and trash bags for contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., cleaners, wax strippers, air fresheners) for all contractor-furnished supplies.</li> <li>• All deliverables be printed double sided on paper that contains post-consumer fiber (recycled content).</li> </ul> <p><b>Required Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> <li>• FAR Clause 52.204-4 – Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper</li> </ul>
	To address other procurement preference programs and support sustainability	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals</li> <li>• Reusable microfiber mops and rags</li> <li>• Energy- efficient cleaning equipment</li> <li>• Chemicals and products that do not contain ozone-depleting substances (ODS). Note that if FAR clause 52.223-11 is included, it does not indicate compliance with sustainability requirements. This clause requires contractors to label products with ODS, but does not address the use of alternatives.</li> </ul> <p><b>Other clauses (if applicable):</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> <li>• FAR Clause 52.223-15 – Energy Efficiency in Energy-Consuming Products</li> </ul>

Type of Contract	What Should Be Included in the Contract	
Construction & Renovation - Buildings	To meet mandatory requirements	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify individual products that the contractor will ensure contain recycled-content (e.g., insulation, restroom dividers, roofing materials) for all contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., interior wall panels, plastic insulating foam, plastic lumber) for all contractor-furnished supplies.</li> <li>• The contractor use and install energy- and water-efficient building-related products and equipment, and should provide a link to the list of DOE Covered Product Categories. Alternatively, the PWS should specify individual products that the contract will ensure meet energy efficiency requirements (e.g., light fixtures, gas water heaters, central air conditioners, windows, doors), and water efficient requirements (e.g., faucets, showerheads, toilets) (when applicable to the work to be performed) for all contractor-furnished equipment.</li> <li>• All deliverables be printed double sided on paper that contains post-consumer fiber (recycled content).</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> <li>• FAR Clause 52.223-15 – Energy Efficiency in Energy-Consuming Products</li> <li>• FAR Clause 52.204-4 – Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper</li> </ul>
	To address other procurement preference programs	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Sustainable Design and Development principles</li> <li>• Low or no toxic or hazardous chemicals (e.g., low VOC paint)</li> <li>• Chemicals and products that do not contain ozone-depleting substances (ODS). Note that if FAR clause 52.223-11 is included, it does not indicate compliance. This clause requires contractors to label products with ODS, but does not address the use of alternatives.</li> <li>• Biobased products for equipment maintenance</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> </ul>

Type of Contract	What Should Be Included in the Contract	
<p>Construction - Infrastructure (e.g., roads, bridges, barriers, dams, levees, wells, pump stations)</p>	<p>To meet mandatory requirements</p>	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify individual products that the contractor will ensure contain recycled-content (e.g., cement, concrete, non-pressure pipe) for all contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., wood and concrete sealers, erosion control materials, sorbents) for all contractor-furnished supplies.</li> <li>• All deliverables be printed double sided on paper that contains post-consumer fiber.</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> <li>• FAR Clause 52.204-4 – Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper</li> </ul>
	<p>To address other procurement preference programs</p>	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals</li> <li>• Energy-efficient equipment</li> <li>• Biobased products for equipment maintenance</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> <li>• FAR Clause 52.223-15 – Energy Efficiency in Energy-Consuming Products</li> </ul>
<p>Dining Facilities</p>	<p>To meet mandatory requirements</p>	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify individual products that the contractor will ensure contain recycled-content (e.g., paper products, signage) for all contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., disposable containers, disposable cutlery, cleaning products) for all contractor-furnished supplies.</li> </ul>

Type of Contract	What Should Be Included in the Contract	
		<ul style="list-style-type: none"> <li>• The contractor use energy-efficient food service equipment and appliances and should provide a link to the list of DOE Covered Product Categories. Alternatively, the PWS should specify individual products that the contract will ensure meet energy efficiency requirements (e.g., dishwashers, ovens, fryers, refrigerators) for all contractor-furnished equipment.</li> <li>• All deliverables be printed double sided on paper that contains post-consumer fiber (recycled content).</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> <li>• FAR Clause 52.223-15 - Energy Efficiency in Energy-Consuming Products</li> <li>• FAR Clause 52.204-4 – Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper</li> </ul>
	To address other procurement preference programs	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals</li> <li>• Chemicals and products that do not contain ozone-depleting substances (ODS). Note that if FAR clause 52.223-11 is included, it does not indicate compliance with sustainability requirements. This clause requires contractors to label products with ODS, but does not address the use of alternatives.</li> <li>• Biobased products for equipment maintenance and cleaning</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> <li>• FAR Clause 52.223-14 - Acquisition of EPEAT-Registered Televisions</li> </ul>
Computer and Computer-Related Equipment and Installation	To meet mandatory requirements	<p><b>Required Specifications:</b></p> <ul style="list-style-type: none"> <li>• The PWS should specify the use and installation of energy-efficient computers and computer-related equipment and provide a link to the list of DOE Covered Product Categories. Alternatively, the PWS should specify individual products that the contract will ensure meet energy efficiency requirements (e.g., computers, monitors, enterprise servers) for all contractor-furnished equipment.</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-15 - Energy Efficiency in Energy-Consuming Products</li> <li>• FAR Clause 52.223-16 – Acquisition of EPEAT-Registered Personal Computer Products</li> </ul>
	To address other procurement	None

Type of Contract	What Should Be Included in the Contract	
	preference programs	
Laundry Services	To meet mandatory requirements	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., general purpose laundry soap, pretreatment/spot removers) for all contractor-furnished supplies.</li> <li>• The contractor use Energy Star appliances or, more specifically, Energy Star commercial clothes washers.</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Clause 52.223-15 - Energy Efficiency in Energy-Consuming Products</li> </ul>
	To address other procurement preference programs	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals</li> <li>• Recycled content or biobased laundry baskets or bags</li> <li>• Energy-efficient dryers</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> </ul>
Groundskeeping or Landscaping	To meet mandatory requirements	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify individual products that the contractor will ensure contain recycled-content (e.g., hoses, compost, lawn and garden edging) for all contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., dust suppressants, fertilizers, erosion control materials) for all contractor-furnished supplies.</li> <li>• The contractor use water-efficient landscaping and watering practices according to FAR Part 23.202 that states it is the policy and objective of the Government to use and manage water through water-efficient means by reducing landscaping water consumption.</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> </ul>

Type of Contract	What Should Be Included in the Contract	
		<ul style="list-style-type: none"> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> </ul>
	To address other procurement preference programs	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals (such as reduced use of pesticides)</li> <li>• Energy-efficient equipment</li> <li>• Chemicals and products that do not contain ozone-depleting substances (ODS). Note that if FAR clause 52.223-11 is included, it does not indicate compliance. This clause requires contractors to label products with ODS, but does not address the use of alternatives.</li> <li>• Biobased products for equipment maintenance</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> <li>• FAR Clause 52.223-15 – Energy Efficiency in Energy-Consuming Products</li> </ul>
Vehicle or Fleet Maintenance	To meet mandatory requirements	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify individual products that the contractor will ensure contain recycled-content (e.g., retread tires, engine coolants, re-refined lubricating oil) for all contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., diesel fuel additives, engine crankcase oil, parts wash solution) for all contractor-furnished supplies.</li> <li>• All deliverables be printed double sided on paper that contains post-consumer fiber (recycled content).</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> </ul>



Type of Contract	What Should Be Included in the Contract	
		<ul style="list-style-type: none"> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> <li>• FAR Clause 52.204-4 – Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper</li> </ul>
	To address other procurement preference programs	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals</li> <li>• Alternative-fueled vehicles</li> <li>• Energy-efficient equipment</li> <li>• Chemicals and products that do not contain ozone-depleting substances (ODS). Note that if FAR clause 52.223-11 is included, it does not indicate compliance with sustainability requirements. This clause requires contractors to label products with ODS, but does not address the use of alternatives.</li> <li>• Biobased products for equipment maintenance</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> <li>• FAR Clause 52.223-15 – Energy Efficiency in Energy-Consuming Products</li> </ul>
Copying & Printing	To meet mandatory requirements	<p><b>Required Specifications.</b> The PWS should specify that:</p> <ul style="list-style-type: none"> <li>• The contractor meet the recycled content requirements set forth by EPA and provide a link to the list of EPA-designated products. Alternatively, the PWS should specify individual products that the contractor will ensure contain recycled-content (e.g., paper, printer ribbons, toner cartridges) for all contractor-furnished supplies.</li> <li>• The contractor meet the BioPreferred Program requirements set forth by USDA and provide a link to the list of USDA-designated product categories. Alternatively, the PWS should specify individual products that the contractor will ensure contain biobased content (e.g., inks) for all contractor-furnished supplies.</li> <li>• The contractor use or provide energy-efficient imaging equipment and should provide a link to the list of DOE Covered Product Categories. Alternatively, the PWS should specify individual products that the contract will ensure meet energy efficiency requirements (e.g., copiers, fax machines, printers) for all contractor-furnished equipment.</li> <li>• All deliverables be printed double sided on paper that contains post-consumer fiber (recycled content).</li> </ul> <p><b>Clauses:</b></p> <ul style="list-style-type: none"> <li>• FAR Provision 52.223-1 – Biobased Product Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-2 – Affirmative Procurement of Biobased Products Under Service and Construction Contracts</li> <li>• FAR Provision 52.223-4 – Recovered Material Certification (should be included in solicitations)</li> <li>• FAR Clause 52.223-9 – Estimate of Percentage of Recovered Material Content for EPA-Designated Items</li> </ul>

Type of Contract	What Should Be Included in the Contract	
		<ul style="list-style-type: none"> <li>• FAR Clause 52.223-17 – Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts</li> <li>• FAR Clause 52.223-15 - Energy Efficiency in Energy-Consuming Products</li> <li>• FAR Clause 52.223-13 – Acquisition of EPEAT-registered Imaging Equipment</li> <li>• FAR Clause 52.204-4 – Printed or Copied Double-Sided on Post-Consumer Fiber Content Paper</li> </ul>
	To address other procurement preference programs	<p><b>Other specifications (if applicable).</b> The use of:</p> <ul style="list-style-type: none"> <li>• Low or no toxic or hazardous chemicals</li> <li>• Chemicals and products that do not contain ozone-depleting substances (ODS). Note that if FAR clause 52.223-11 is included, it does not indicate compliance with sustainability requirements. This clause requires contractors to label products with ODS, but does not address the use of alternatives.</li> <li>• Biobased products for equipment maintenance</li> </ul> <p><b>Other clauses to support sustainability could include:</b></p> <ul style="list-style-type: none"> <li>• FAR Clause 52.223-10 – Waste Reduction Program</li> </ul>