

MATERIALS MANAGEMENT

Attachment 3D. CHIPPING SERVICES: Green Waste & Clean Wood Waste

Green Waste



Clean Wood Waste

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Words followed by a numbered footnote are defined in GLOSSARY: Green Waste & Wood Waste

Scope of Services / Specifications

D3.01 Services

a. **Commencement.** Contractor will accept, unload, store, chip, mobilize, transport, and divert clean wood waste and green waste beginning on the date directed by County at least 30 days in advance.

1. **Clean Wood,*** and
2. **Green Waste,**** both
 - **non-wood** (such as leaves, grass, and tumbleweeds), and
 - **wood** (such as pruned branches and stumps), and

clean-green means both clean wood and green waste in this Contract.

b. **Services Plan.** Contractor will append its Services Plan to Attachment 3.01b, describing *how* it will provide services (the manner, such as source segregating, sorting, chipping,) and *what* it will use to provide those services (the means, such as type of grinder, containers, trucks) satisfactory to County. Contractor will append the address, description, and map of its materials management site at the end of its Service Plan.

As of each July 1, Contractor will annually update the Services Plan to reflect changes in operations or certify that there have been no changes.

[There are no Sections D3.02-3.04.]

D3.05 Acceptance and Unloading

a. **Signage.** Upon County request, Contractor will design, produce, and post signs satisfactory to County including description of acceptable and unacceptable materials, directions to or location of the material's discard sites, and instructions for unloading materials.

b. **Designated Drop-Off Areas.** Contractor will designate areas for storing different types of clean-green, (such as wood waste and woody green waste, and non-woody green waste) as required under its Services Plan, law and the RDSI.

c. **Customer Unloading.** Contractor may, but is not required to, post staff during receiving hours who will:

- Direct customers where to unload types of clean-green at designated places,

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- Check loads for materials contamination such as such as trash, garbage, other types of materials (such as garden hoses, plastic lumber), and hazardous waste (such as treated wood).

If Contractor does *not* post staff, it must describe in its Services Plan how it will direct unloading and do load check.

d. Contamination. Contractor will prevent materials that are *not* clean-green from being discarded, stored, or chipped with clean-green. A contaminated chipped product, cannot be diverted, including beneficially reused. Contractor acknowledges that County entered into this Contract, among other reasons, to divert chipped wood from disposal in landfills. Therefore, it is of great importance to County that Contractor produce a reusable or marketable wood product.

e. Small Volume /C&D Wood Debris/ Chipping and Grinding Operation. Contractor will comply with law applicable to a Small Volume C&D Wood Debris chipping and Grinding Operation, including examples listed in Attachment 4.04, or law applicable to smaller or larger volume if the delivered tonnage increases or decreases.

Small Volume C&D Wood Debris Chipping, and Grinding Operation means an operation that receives less than 200 tons per [operating] day of mulching feedstock under 14 CCR 17383.

D3.06 Stockpiling and Mobilizing

a. Length of Storage. Contractor may stockpile clean-green and chipped wood product on its materials management site for periods allowed under law and the RDSI. Contractor may not store clean-green for longer periods.

b. Disposal. Contractor acknowledges that if it stores clean-green and chipped wood product beyond legal limits, it may constitute disposal that is regulated by CalRecycle. Contractor must then comply with disposal regulations without any adjustment in the service fee.

D3.07 Chipping and Sifting

On a clean deck, Contractor will mechanically chip and sift clean-green into three sizes, in the number of inches directed by the County, such as 6" or less or less for beneficial reuse***:

1. fines
2. mediums
3. oversized

D3.08 Removal and Transport

a. Weigh. When removing clean-green product and any residual (such as contaminating trash or garbage) from its materials management site, Contractor will separately weigh residual and each type of clean-green product. It will record all of the following:

- Date and time,
- Truck identification,
- Material type,
- Material weight.

If its materials management site is located at the County's Materials Management Facility, Contractor will weigh materials on a County-owned or operated scale.

b. Transport. Contractor will transport materials to materials management sites that it identifies on Attachment 3.07#2. It will pay transport costs and any other charges.

c. Completion of Work. Contractor will finish removing all clean-green from its materials management site within 30 days of beginning work. Contractor will empty and clean its materials management site to County satisfaction after each mobilization, including:

- sweeping the site to collect all remaining debris, and
- removing residual materials that contaminate the clean-green.

D3.09 Diversion

(See "diversion" in Materials Contract GLOSSARY.)

a. Beneficial County Use. Upon County request Contractor will deliver clean-green product of appropriate size at its cost to a County-designated site such as Pumice C&D Landfill for beneficial reuse.

b. Beneficial Public Use. Upon County request, Contractor will make fines available free for public use.

c. Processing.

(1) Manner and Cost. Contractor will divert clean-green from disposal. It will choose the manner of diversion, including further processing (such as smaller sized chips) and beneficial reuse (such as for road base or playground padding). It will pay the costs of diverting clean-green. It will identify the processing facility or site of beneficial reuse (and backup facility or site), in Attachment 3.07#2.

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(2) **Certification.** Contractor will secure a receipt recording all of the following information when delivering clean-green product at the diversion site or facility:

- Location / name of diversion site or facility,
- Date and time,
- Truck identification,
- Material type,
- Material weight.

Contractor will sign an affidavit satisfactory to County certifying that Contractor diverted the clean-green.

(3) **Revenues and Costs.** Contractor may retain any revenue that it receives for diverting clean-green and will assume any losses. The County has no right to receive revenue and is not liable for any losses.

D3.10 Disposal

a. **Residual.** Contractor will dispose of residual wastes that:

- it sorted from clean-green at its materials management site and
- that a processor sorted at a processing facility.

b. **County Consent.** Contractor may not dispose of clean-green without County consent. If County consents, Contractor will dispose of clean-green at the disposal facility (or back-up dispose facility) of its choice that it identifies in Attachment 3.07#2.

c. **Cost.** Contractor will pay disposal costs.

Glossary: Clean-Green

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clean wood waste means all of the following:

- clean dimensional **lumber** (which is cut to a specified length, width, and depth, generally sawn or planed to make it ready to use) *including* unpainted new or demolition dimensional lumber (such as 2 x 4s, 2 x 6s, 2 x 12s), and other residual materials from framing and related construction activities, [which may contain nails or other trace contaminants],
- clean engineered **wood**, including unpainted new or demolition scrap from sheeted goods such as plywood, particleboard, wafer board, oriented strand board, and other residual materials used for sheathing and related construction uses,[which may contain nails or other trace contaminants]

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- clean **pallets and crates**, including unpainted wood pallets, crates, and packaging made of lumber/engineered wood (wood composites), and
- other wood waste, including untreated/unpainted scrap from production of prefabricated wood products such as wood furniture or cabinets, untreated or unpainted wood roofing and siding,

in this Contract *excluding* painted, stained, or chipping wood.

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green waste means all of the following:

1. **non-woody chipping wood:** plant materials, *including* leaves, grass clippings, plants, and seaweed from any public or private landscape, but *excluding* include woody material or material from agricultural sources, and

2. **woody chipping wood:**

- **prunings and trimmings** , *including* prunings, shrubs, and small branches (less than 4 in diameter) and other woody plant material (up to 4 inches in diameter) from any public or private landscape, but *excluding* stumps, tree trunks, large branches (more than 4 inches in diameter), or material from agricultural sources, and

branches and stumps *including* woody plant material, branches, and stumps that exceed 4 inches in diameter, from any public or private landscape.

rock, soil, and fines means rock pieces of any size and soil, dirt, and other matter. Examples include rock, stones, sand, clay, soil, and other fines. This type also includes nonhazardous contaminated soil.

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ATTACHMENT 4.04 Compliance with Law

a. Waste Management. The Master Contract lists examples of laws related to materials waste as a convenience for the parties in performing and administering contracts. This Attachment lists examples of laws relating specifically to clean-green:

14 CCR 17383.3 et seq. C&D Wood Debris Chipping and Grinding Operations and Facilities.

b. Permits

[attach all permits necessary to provide services for chipping wood]

ATTACHMENT 8.01 Service Fee Schedule

[INSERT FROM PROPOSAL]