

DESCRIPTION OF SERVICE <i>(all hauling distances are referenced as the shortest drivable route, traffic not considered)</i>	UNIT	UNIT PRICE
1. VEGETATIVE DEBRIS		
a Pick up vegetative debris from ROW and haul to DMS. (0 to 10 miles)	CUBIC YARD	\$
b Pick up vegetative debris from ROW and haul to DMS. (>10 to 20 miles)	CUBIC YARD	\$
c Pick up vegetative debris from ROW and haul to DMS. (>20 to 30 miles)	CUBIC YARD	\$
d Pick up vegetative debris from ROW and haul to DMS. (>30 miles)	CUBIC YARD	\$
2. CONSTRUCTION & DEMOLITION DEBRIS (C&D) and MIXED DEBRIS (Non-Asbestos)		
a Pick up C&D or Mixed debris materials from ROW and haul to DMS. (0 to 10 miles)	CUBIC YARD	\$
b Pick up C&D or Mixed debris materials from ROW and haul to DMS. (>10 to 20 miles.)	CUBIC YARD	\$
c Pick up C&D or Mixed debris materials from ROW and haul to DMS. (>20 to 30 miles.)	CUBIC YARD	\$
d Pick up C&D or Mixed debris materials from ROW and haul to DMS. (>30 miles.)	CUBIC YARD	\$
e Pick up C&D or Mixed debris materials from ROW and haul to Final Disposal. (0 to 10 miles)	CUBIC YARD	\$
f Pick up C&D or Mixed debris materials from ROW and haul to Final Disposal. (>10 to 20 miles)	CUBIC YARD	\$
g Pick up C&D or Mixed debris or Mixed from ROW and haul to Final Disposal. (>20 to 30 miles)	CUBIC YARD	\$
h Pick up C&D or Mixed debris materials from ROW and haul to Final Disposal. (>30 miles)	CUBIC YARD	\$
3. WHITE GOODS		
a Remove and transport from ROW to DMS.	PER UNIT	\$
b Remove and transport from ROW to Recycling Facility or approved disposal facility.	PER UNIT	\$
c Transport from DMS to Recycling Facility or approved disposal facility.	PER UNIT	\$
d Freon Removal / Recycling and Management	PER UNIT	\$
4. SPECIAL WASTE		
a Electronic waste removal from ROW and disposal at City approved site.	PER UNIT	\$
b Household hazardous waste removal from ROW and disposal at City approved site.	PER POUND	\$
c Derelict vehicle removal, transfer / tow of typical passenger car.	EACH	\$
d Derelict vessel removal and transportation to secure storage site. (Vessels under 25 feet)	EACH	\$
e Derelict vessel removal and transportation to secure storage site. (Vessels 25 feet and greater)	EACH	\$
f Operation of secure storage site for derelict vehicles/vessels.	PER DAY	\$
g Vessel and Vehicle Fluids Management - draining / removal of fluids from vessel / vehicle, storage of fluids and transportation to a disposal / recycling facility	PER GALLON	\$
h Vessel and Vehicle Hazardous Materials Management - removal of hazardous materials from vessel / vehicle, (e.g. batteries), storage of same and transportation to a disposal / recycling facility	PER GALLON	\$
i Crushing of Vessels for Disposal	PER LINEAR FOOT	\$
j Waterway Debris Removal - removal of storm debris from marine environments, including drainage channels, canals, streams, and waterfronts	CUBIC YARD	\$
k Concrete Removal - Load and haul broken concrete from ROW and dispose at City approved site (0 to 10 miles)	CUBIC YARD	\$
l Concrete Removal - Load and haul broken concrete from ROW and dispose at City approved site (>10 to 20 miles)	CUBIC YARD	\$
m Concrete Removal - Load and haul broken concrete from ROW and dispose at City approved site (>20 to 30 miles)	CUBIC YARD	\$
n Concrete Removal - Load and haul broken concrete from ROW and dispose at City approved site (>30 miles)	CUBIC YARD	\$
o Soil, Mud, Silt or Sand - Load and haul from location and dispose at City approved site (0 to 10 miles)	CUBIC YARD	\$
p Soil, Mud, Silt or Sand - Load and haul from location and dispose at City approved site (>10 to 20 miles)	CUBIC YARD	\$
q Soil, Mud, Silt or Sand - Load and haul from location and dispose at City approved site (>20 to 30 miles)	CUBIC YARD	\$
r Soil, Mud, Silt or Sand - Load and haul from location and dispose at City approved site (>30 miles)	CUBIC YARD	\$
s Sand and Soil Screening & Collection: Removal and screening of debris- laden sand from public property, stockpiling debris at DMS, and replacing screened sand at City designated location.	CUBIC YARD	\$
t Removal and disposal of animal carcasses	PER POUND	\$
5. HAZARDOUS STUMPS and HAZARDOUS TREES		
a Removal of hazardous stump from ROW or public property and transportation to DMS. 24" to 36" diameter.	EACH	\$
b Removal of hazardous stump from ROW or public property and transportation to DMS. >36" to 48" diameter.	EACH	\$
c Removal of hazardous stump from ROW or public property and transportation to DMS. >48" diameter.	EACH	\$
d Removal of hazardous trees (leaning or damaged) from ROW or public property that are 6" to 24" with the trunk measured at DBH.	EACH	\$
e Removal of hazardous trees (leaning or damaged) from ROW or public property that are >24" to 36" with the trunk measured at DBH.	EACH	\$
f Removal of hazardous trees (leaning or damaged) from ROW or public property that are >36" to 48" with the trunk measured at DBH.	EACH	\$
g Removal of hazardous trees (leaning or damaged) from ROW or public property that are >48" with the trunk measured at DBH.	EACH	\$
h Removal of hazardous hanging limbs from ROW or public property that are >2 inches at point of break.	PER TREE	\$
6. DEMOLITION OF STRUCTURES		

Structure demolition with construction and demolition debris loaded at the designated work zone and hauled to a City approved landfill. Contractor shall disconnect and cap the sewer and water line and coordinate all required disconnects by private utility companies. Search safely accessible structures, including garages and detached outbuildings, and remove all white goods, electronic waste, and

a	0 to 10 miles one-way haul	CUBIC YARD	\$
b	>10 to 20 miles one-way haul	CUBIC YARD	\$
c	>20 to 30 miles one-way haul	CUBIC YARD	\$
d	>30 miles one-way haul	CUBIC YARD	\$

Structure demolition with regulated asbestos containing (RACM) construction and demolition debris loaded at the designated work zone and hauled to a City approved landfill. Contractor shall disconnect and cap the sewer and water line and coordinate all required disconnects by private utility companies. Search safely accessible structures, including garages and detached outbuildings, and remove all

d	0 to 10 miles one-way haul	CUBIC YARD	\$
e	>10 to 20 miles one-way haul	CUBIC YARD	\$
f	>20 to 30 miles one-way haul	CUBIC YARD	\$
g	>30 miles one-way haul	CUBIC YARD	\$

7. PROCESSING / REDUCING DEBRIS & DEBRIS SITE MANAGEMENT

a	Grinding / chipping vegetative debris, based on incoming cubic yards.	CUBIC YARD	\$
b	Burning vegetative debris, based on incoming cubic yards.	CUBIC YARD	\$
c	Processing and/or compacting C&D materials and mixed debris, based on incoming cubic yards.	CUBIC YARD	\$
d	Processing and/or compacting concrete materials and masonry, based on incoming cubic yards.	CUBIC YARD	\$

8. DEBRIS MANAGEMENT SITE MANAGEMENT

a	Debris Management Site (DMS) Management, includes the cost of site preparation, site management, erosion control, remediation, and site closeout based on incoming cubic yards.	CUBIC YARD	\$
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5. FINAL DISPOSAL - Disposal Fees shall be passed through to the City without markup.

a	Load and Transport processed vegetative debris from DMS to final disposal. (0 to 20 miles)	CUBIC YARD	\$
b	Load and Transport processed vegetative debris from DMS to final disposal. (>20 to 40 miles)	CUBIC YARD	\$
c	Load and Transport processed vegetative debris from DMS to final disposal. (>40 miles)	CUBIC YARD	\$
d	Load and Transport compacted C & D and Mixed Materials from DMS to final disposal. (0 to 20 miles)	CUBIC YARD	\$
e	Load and Transport compacted C & D and Mixed Materials from DMS to final disposal. (>20 to 40 miles)	CUBIC YARD	\$
f	Load and Transport compacted C & D and Mixed Materials from DMS to final disposal. (>40 miles)	CUBIC YARD	\$

8. OTHER DEBRIS SERVICES

a	Cleaning and clearing of storm drain lines including haul to DMS or Final Disposal. Drain line diameter 0 to 18 inches.	PER LINEAR FOOT	\$
b	Cleaning and clearing of storm drain lines including haul to DMS or Final Disposal. Drain line diameter >18 to 36 inches.	PER LINEAR FOOT	\$
c	Cleaning and clearing of storm drain lines including haul to DMS or Final Disposal. Drain line diameter >36 inches.	PER LINEAR FOOT	\$
d	Cleaning and clearing of catch basins and inlets. Up to 8' x 8'	EACH	\$
e	Cleaning and clearing of catch basins and inlets. >8' x 8'	EACH	\$

EQUIPMENT LIST

Description	Type or Size	Unit	Unit Price
Heavy Equipment (Operator, fuel, maintenance included)			
Skid-Steer Loader (Mini-Loader)	Bobcat 753/Cat 216/JD 313	Hour	\$
Extendaboom Forklift w/ debris grapple	Bobcat V638/CatTL642	Hour	\$
Backhoe, Wheel Loader, 1.0-1.5 CY	Cat 416E	Hour	\$
Backhoe, Wheel Loader, 2.0-3.0 CY	Cat 430E	Hour	\$
Backhoe, Extend-a-hoe (1.0 CY, 4WD, extendable)	JD310J/Cat 420E	Hour	\$
Wheel Loaders, 1.0-1.5 CY	Cat 908/JD 304/Case 321	Hour	\$
Wheel Loaders, 2.5-3.0 CY	Cat 930/JD 544//Vol L70	Hour	\$
Wheel Loaders, 3.0-4.5 CY	Cat 950/JD 644	Hour	\$
Wheel Loaders, 4.5-6.0 CY	Cat 966/JD 744/Vol L150	Hour	\$
Wheel Loaders, 6.0-7.0 CY	Cat 980/JD 844/Vol L180	Hour	\$
Tracked Loader (Trackhoe w/ misc. attachments)	Cat 320/JD 690/Kob ED190	Hour	\$
Towed Loader w/ Tractor	Prentice 210	Hour	\$
Knuckleboom Loader Truck (Self-Loading)	25-35 CY Body	Hour	\$
Knuckleboom Loader Truck (Self-Loading)	35-45 CY Body	Hour	\$
Dozer, Tracked	Cat D4	Hour	\$
Dozer, Tracked	Cat D5	Hour	\$
Dozer, Tracked	Cat D6	Hour	\$
Dozer, Tracked	Cat D7	Hour	\$
Dozer, Tracked	Cat D8	Hour	\$
Dozer, Tracked	Cat D10T	Hour	\$
Hydraulic Excavators, 1.5 CY	Cat 320	Hour	\$
Hydraulic Excavators, 2.5 CY	Cat 325	Hour	\$
Hydraulic Excavators, 3.5> CY	Cat 330	Hour	\$
Excavator/Trackhoe, Rubber Tire (w/ debris grapple)	Cat 315C/JD 160C/Vol EC160	Hour	\$
Tractor w/ Box Blade (30-70 Hp)	JD 210L/Case 570M	Hour	\$
Motor Grader (w/ min 12' blade)	Cat 120G	Hour	\$
Off Road Truck (15-20 cy, 24MT)	Cat 725/JD 250D/Vol A25	Hour	\$
30 Ton Crane	Terex RT 335 (30MT), equal	Hour	\$
50 Ton Crane	Terex RT 550 (50MT), equal	Hour	\$
100 Ton Crane (8 hr minimum)	Terex HC110, KobCK1000	Hour	\$
Bucket Truck	Up to 50' reach	Hour	\$
Bucket Truck	40' to 75' reach	Hour	\$
Trash Transfer Trailer w/ Tractor	110 Yard	Hour	\$
Mechanized Broom	Street Sweeper	Hour	\$
Water Truck	2000 Gallon	Hour	\$
Service/Fuel Truck	Multi	Hour	\$
Diesel Forklift, 5k	5K	Hour	\$
Personnel Forklift, 5k	5K	Hour	\$
Forklift 1	6000 lb	Hour	\$
Forklift 2	8000 lb	Hour	\$
Forklift 3	10,000 lb	Hour	\$
Forklift 4	15,000 lb	Hour	\$
Forklift 5	25,000-35,000 lb	Hour	\$
Extended Boom Forklift	44,000 lb	Hour	\$
Forklift Carpet Poles	N/A	Day	\$
Forklift Loading Ramps	N/A	Day	\$
Pallet Grabber	w/ Chains	Hour	\$
Pallet Jack	N/A	Hour	\$
Electric Pallet Jack	N/A	Hour	\$
Dock Plates	N/A	Day	\$
Straight Mast Forklift	Rough Terrain	Hour	\$
Shooting Boom Forklift, 5k	Rough Terrain, 5k	Hour	\$
Shooting Boom Forklift, 6k	Rough Terrain, 6k	Hour	\$
Shooting Boom Forklift, 8k	Rough Terrain, 8k	Hour	\$
Shooting Boom Forklift, 9k	Rough Terrain, 9k	Hour	\$
Shooting Boom Forklift, 10k	Rough Terrain, 10k	Hour	\$
Forklift Propane Tank	N/A	Day	\$
Portable Loading Dock (w/ ramp and stairs)	20 x 20	Hour	\$
Soil Compactor 81 HP+	Case/Cat/Wacker	Hour	\$
Soil Compactor 80 HP	Case/Cat/Wacker	Hour	\$
Soil Compactor, Towed Unit	Wacker	Hour	\$
Stump Grinder (30" diameter or less)	Vermeer 252	Hour	\$

Stump Grinder (greater than 30" diameter)	Vermeer 752	Hour	\$
Stump Grinder	Vermeer 60TX	Hour	\$
Chipper w/ 2 man crew	Morbark Storm	Hour	\$
Chipper/Mulcher (8" Throat)	Vermeer	Hour	\$
Chipper/Mulcher (12" Throat)	Vermeer	Hour	\$
12-Foot Tub Grinder	Morbark 1200/650 HP	Hour	\$
13-Foot Tub Grinder	Morbark 1300/850 HP	Hour	\$
14-Foot Tub Grinder	Diamond Z 1463/1600 HP	Hour	\$
Air Curtain Pit Burner (Self-contained)	N/A	Hour	\$
Air Curtain Refractory Incinerator	N/A	Hour	\$
12T Lowboy Trailer (Equip.Transport w/ Tractor)	12 Ton	Hour	\$
35T Lowboy Trailer (Equip.Transport w/ Tractor)	35 Ton	Hour	\$
50T Lowboy Trailer (Equip.Transport w/ Tractor)	50 Ton	Hour	\$
Truck Mounted Winch	Tow Truck	Hour	\$
Log Skidder	Cat 525B/JD 648E/G III	Hour	\$
Waste Collection Rear Loader Truck	N/A	Hour	\$
Vacuum Truck/Jetter	3500 Gallon	Hour	\$
Crash Truck w/Impact Attenuator	N/A	Hour	\$
Power Screen	N/A	Hour	\$
Stacking Conveyor	N/A	Hour	\$
Hauling Vehicles (Operator, fuel, maintenance included)			
Dump Truck	5 to 15 CY	Hour	\$
Dump Truck	16 to 24 CY	Hour	\$
Dump Truck	25 to 34 CY	Hour	\$
Dump Truck (Trailer Dump w/ Tractor)	35 to 44 CY	Hour	\$
Dump Truck (Trailer Dump w/ Tractor)	45 to 54 CY	Hour	\$
Dump Truck (Trailer Dump w/ Tractor)	55 to 64 CY	Hour	\$
Dump Truck (Trailer Dump w/ Tractor)	65 to 74 CY	Hour	\$
Dump Truck (Trailer Dump w/ Tractor)	> 75 CY	Hour	\$
Walking Floor Trailer w/ Tractor	100 CY	Hour	\$
Tractor w/ 42' Flatbed Trailer (Without Driver)	42' Flatbed (w/o Driver)	Hour	\$
Tractor w/ 42' Flatbed Trailer (With Driver)	42' Flatbed (w/ Driver)	Hour	\$
Flatbed Trailer Straight Truck (Without Driver)	26,000lb GWV	Hour	\$
Flatbed Trailer Straight Truck (With Driver)	26,000lb GWV	Hour	\$
Transportation Vehicles (Operator, fuel, maintenance NOT included; loaned vehicles, insurance included)			
Pickup Truck	1/2 Ton	Day	\$
Pickup Truck	3/4 Ton	Day	\$
Pickup Truck	1 Ton (4x4)	Day	\$
Box Truck	3/4 Ton	Day	\$
Utility Van	3/4 Ton	Day	\$
Passenger Van	9 Passenger	Day	\$
Passenger Car	Full size	Day	\$
Response Trailer	20 Foot	Day	\$
Response Trailer	30 Foot	Day	\$
Flatbed Trailer (40 ft)	GWV to 450	Day	\$
Mobile Fleet Repair	Equipment Config	Day	\$
Personnel/Equipment			
Project Operations Manager	Individual	Hour	\$
Superintendent with Cell/Truck	Individual	Hour	\$
Supervisor with Cell/Truck	Individual	Hour	\$
Foreman with Cell/Truck	Individual	Hour	\$
Inspector with Cell/Vehicle	Individual	Hour	\$
Health/Safety or QC Manager with Pickup Truck	Individual	Hour	\$
Safety Superintendent	Individual	Hour	\$
Mechanic with Truck and Tools	Individual	Hour	\$
Climber with Gear	Individual	Hour	\$
Labor/Operator with Chainsaw/Tools/Cellphone	Individual	Hour	\$
Laborer with Tools/Cellphone	Individual	Hour	\$
Traffic Control Personnel with Radio	Individual	Hour	\$
Ticket Writers	Individual	Hour	\$
Survey Personnel with Vehicle	Individual	Hour	\$
Project Engineer	Individual	Hour	\$
Equipment Operator	Individual	Hour	\$
Truck Driver with cellphone and radio	Individual	Hour	\$
Security Person (Unarmed) with cellphone and radio	Individual	Hour	\$

Security Person (Armed) with cellphone and radio	Individual	Hour	\$
Administrative Assistant	Individual	Hour	\$
Clerical	Individual	Hour	\$
Miscellaneous Equipment/Items (Fuel, maintenance included, where applicable)			
Transfer/Tow, handle of Typical Passenger Vehicle	2 Axle/4 Wheel (1Ton)	Each	\$
Transfer/Tow, handle of Recreational Vessel	Up to 24' in length	Each	\$
Transfer/Tow, handle of Recreational Vessel	24.1' to 48' in length	Each	\$
Traffic Control, Temp Single Lane Closure	N/A	Hour	\$
Traffic Control, Temp Road Closure	N/A	Hour	\$
Weighing Scales, Truck, Certified	Portable	Hour	\$
Office Trailer	40 Foot	Day	\$
Storage Container	40 Foot	Day	\$
Portable Eyewash Station	OSHA Spec	Day	\$
First Aid Station	OSHA Spec	Day	\$
Portable Toilet (Port a John)	Single	Week	\$
Observation Tower	USACE Spec	Each	\$

Emergency Road Clearance - Initial 70-hour First Push Phase

Personnel & Equipment (Operator, fuel, maintenance included)

Small Loader or Lrg. Skidsteer, (Push machine, wheeled or rubber tracked)		Hour	\$
Knuckleboom Loader Truck (Self-Loading-25-35 CY)		Hour	\$
Wheel Loader 2.5-3.0 cy Cat 930 /JD 544 / Vol L70		Hour	\$
Dump Truck (16 to 24 CY)		Hour	\$
Road Clearance Crew (2 chainsaw operators, 1 Flagger-Tosser, 1 Supervisor)		Hour	\$
Supervisor with Truck (1 man, will assist toss operations)		Hour	\$
Operators with Chainsaw (2 or 1 man crew, cut and toss)		Hour	\$
Laborer with Tools (1 man, toss)		Hour	\$
Traffic Control/Safety Personnel (2 man crew, as needed)		Hour	\$