

RUTLAND WEST SOLAR PROJECT APPROX. 5 MW (AC) SOLAR FACILITY DECOMMISSIONING PLAN

(42.107103, -88.458339)

Rutland Township, IL 60140



Prepared For:

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December 2024

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BACKGROUND

On behalf of Surya Powered (Owner/Operator), TRC has prepared this decommissioning plan and cost estimate (the Plan) for Rutland West facility (Facility), a photovoltaic (PV) facility, Solar Energy System (SES) or Commercial Solar Farm located along in the township of Rutland in Kane County, Illinois. The project site is located west of Reinking Rd. and south of Big Timber Road. The facility will consist of an approximately 5-megawatt (MW) alternating current (AC) solar electrical array covering approximately 39.5 acres of agricultural land. The Facility will include ground-mounted, solar arrays, perimeter security fencing, concrete pads for transformers and switch gears, and a gravel access road. The Solar Farm will produce power using PV panels, mounted on ground support galvanized piles.

The purpose of this Plan is to provide the general scope of decommissioning work as well as a construction cost estimate for a decommissioning assurance mechanism of the Facility as described herein and subject to the Kane County's Ordinance ("Ordinance"). This document outlines the decommissioning activities required to remove above-ground structures, debris, underground foundations, and cables and restore soil and vegetation after termination of operations of the solar farm. This decommissioning plan and cost estimate has been prepared in accordance with the Ordinance for approval of the Facility.

An attached estimate of decommissioning cost estimate was prepared under the supervision of a professional engineer licensed in Illinois. The opinion of probable costs is based on estimated quantities of site features, panels, racking, and electrical equipment from the conceptual layout and experience in the design and construction of energy facilities and are subject to final engineering. Costs generally include contractor fees, sitework removal & restoration, racking & module removal, power conditioning equipment removal, and corresponding salvage, which reflect the overall decommissioning process. The reported costs include labor, materials, taxes, insurance, transport costs, disposal fees, equipment rental, contractor's overhead, and contractor's profit; the labor costs have been estimated using regional labor rates and labor efficiencies from the Bureau of Labor statistics along with previous decommission plan estimates completed for other similar projects.

Owner/Operator

Surya Powered will be responsible for ensuring completion of final civil and electrical engineering plans. TRC is the consultant responsible for the preparation of this independent decommissioning plan and cost estimate.

Facility Description

The Facility will consist of approximately 5 MW AC solar electricity generating facility with associated equipment which covers a total area of approximately 39.5 acres of agricultural land. The Facility will be secured within a security fence surrounding the solar panels and electrical equipment. The site can be accessed via lock-controlled gates located on the proposed gravel access road. The Facility will include the following site features:

- Solar panels, associated electrical equipment, racking, gravel access road, and other applicable components;
- Seven (7) concrete electrical pads with transformers, and switchgears;
- 20-foot wide gravel access road and turnaround;
- Seven (7)-foot Fixed-Knot, Woven Wire Agricultural fencing (encasing entire project area);
- Above-ground electrical wire conduits; and
- Underground electrical wire conduits, as applicable.

DECOMMISSIONING ACTIVITIES

The Facility will be decommissioned by completing the following major steps:

1. Removal of modules, racking, and piles;
2. Removal of cabling, trays, and electrical equipment;
3. Removal of concrete pads, foundations, and debris;
4. Removal of the gravel access roads (if required by the landowner);
5. Site stabilization by placing soil and reseeding; and
6. Removal and Disposal or Recycling of materials

Decommissioning During Construction (Abandonment of Project)

If construction or operation activities cease prior to facility completion, with no expectation to restart for more than twelve (12) months, the project would be decommissioned as follows in this plan. Any installed components will be removed and managed, as per the following sections, and the site will be restored to a vegetated condition.

Decommissioning After Ceasing Operation

Properly maintained photovoltaic (PV) panels have an expected lifespan of thirty-five (35) years or more. At this time or if the facility has not been in operation and stops producing energy for a period of 12 consecutive months, it shall be considered a “cessation or abandonment of operations”, deemed nonoperational, and decommissioning will commence. All items will be removed within 12 months of cessation or abandonment of operations. Installed components will be removed and reused/recycled where possible, and the site restored in accordance with the activities discussed below. Should the Facility be considered abandoned, the County will have the right to access the property, pursuant to reasonable notice, in order to affect or complete decommissioning.

Offsite Impacts During Decommissioning

As with the project’s construction, noise levels during the decommission work will increase. Proper steps will be followed to minimize the disturbance, such as using proper equipment for removing the support piles. Work hours are assumed to be eight (8) hours a day, during daylight. Also, as

with the project's construction, road traffic in the area may increase temporarily due to crews and equipment movements. Further details of the on-site restoration are included in subsequent sections.

Dismantlement and Demolition

Decommissioning shall include removal of all applicable solar electric systems, buildings, ballasts, cabling, electrical components, roads, foundations, pilings, and any other associated facilities. This will include removal of all items identified in the decommissioning activities above.

A significant amount of the components of the PV system at the Facility will include recyclable or re-saleable components, including copper, aluminum, galvanized steel, and panels. Due to their resale monetary value, these components will be dismantled and disassembled rather than being demolished and disposed of.

The owner or operator shall notify the Kane County Board of the proposed date of discontinued operations and plans for removal. The owner shall complete decommissioning activities within six (6) months.

Following coordination with the local utility company regarding timing and required procedures for disconnecting the Facility from the utility, all electrical connections to the system will be disconnected and all connections will be tested locally to confirm that no electric current is running through them before proceeding. All electrical connections to the panels will be cut at the panel and then removed from their framework by cutting or dismantling the connections to the supports. Then panels, inverters, transformers, meters, fans, lighting fixtures, and other electrical structures will be removed. Disposal of these materials at a landfill will be governed by state and local laws, including the Code of Illinois Regulations governing waste disposal at local area landfills, which may be amended from time to time. Any materials deemed to be hazardous at the time of disposal will be handled and disposed according to applicable laws and regulations.

The PV mounting system framework will be dismantled and recycled. The galvanized support piles will be completely removed and recycled. Finally, all associated structures will be demolished and removed from the site for recycling or disposal. This will include the site fence, gates, access roads, equipment foundations, and underground cables which will likely be recycled.

Consultation with the landowner will determine if the access roads should be left in place for their continued use. If the access road is deemed unnecessary, the contractor will remove the access roads and all non-adaptable parts of the project to minimum depth as required by the Agricultural Impact Mitigation Agreement (AIMA) and restore this area with native soils and seeding. All concrete associated with the Facility on-site will be broken and removed in its entirety, and clean concrete will be crushed and disposed of or recycled off-site. Final stabilization thresholds on the entire site shall be met prior to approval of site decommissioning. Underground conduits and raceways are to be removed. Above ground lines and poles that are not owned by the utility will be removed, along with associated equipment (isolation switches, fuses, metering) and holes will

be filled with clean topsoil. Temporary sanitary facilities will be provided on-site for the workers conducting the decommissioning of the Facility.

Erosion and sediment control measures are required during the decommissioning process. These measures include construction access, silt fence, concrete washout stations, and land stabilization. The owner/operator will restore the project location to a vegetated condition consistent with pre-construction conditions and reclaim the site to minimum depth required by the AIMA.

Disposal or Recycle

During the decommissioning phase, a variety of excess materials can be salvaged. A significant amount of the materials used in a solar facility are reusable, including copper, aluminum, galvanized steel, and the PV panels. Due to their resale monetary value, these components will be dismantled and disassembled rather than being demolished and disposed. Any remaining materials will be removed and disposed of off-site at an appropriate facility. The project general contractor will maximize recycling and reuse and will work with manufacturers, local subcontractors and waste firms to segregate material to be recycled, reused and/or disposed of properly.

The owner will be responsible for arranging the collection or recycling of fence, racking piles, PV panels, panel tracker equipment, AC and DC wiring, inverters, and miscellaneous equipment for salvage value.

Gravel may be reused as general fill on site with landowner approval. Remaining gravel, geotextile fabric, concrete, and debris need to be separated and transported off-site by truck to the appropriate facilities for recycling and disposal in accordance with federal, state, and local waste management regulations.

A final site walkthrough with the appropriate local authorities will be conducted to verify removal of debris and/or trash generated within the site during the decommissioning process and will include removal and proper disposal of any debris that may have been wind-blown to areas outside the immediate footprint of the facility being removed.

Removal of Landscape Materials and Site Stabilization:

The areas of the Facility that are disturbed (during decommissioning) will be subject to minor re-grading (no imported soil is anticipated), to establish a uniform slope and stabilization, including application of a selected grass seed mix to surfaces disturbed (estimated to be less than 50% of the site) during the decommissioning process. The seed mix is expected to be a blend of various fescue and/or rye grass seeds. The actual seed blend will depend on factors including availability and time of year that planting would occur.

The soil and vegetation will be restored to pre-decommissioning conditions as detailed in the final design and construction. Planting trees, shrubs, and other woody vegetation (re-forestation) or other beautification are not expected to be required and are not included in the costs. No major grading is expected during construction or decommissioning. Imported fill will be provided, if necessary, to restore to original conditions. Only minor grading is anticipated with regards to site restoration (from construction, demolition, and traffic damage) and access drives removal. Areas where minor regrading would be required includes but is not limited to, areas where equipment is removed, concrete pads, and roads. All site stabilization activities will be completed in accordance with regulatory requirements and the approved Storm Water Pollution Prevention Plan (SWPPP) and NPDES Construction General Permit, as applicable.

PERMITTING REQUIREMENTS FOR DECOMMISSIONING

Approvals are currently required prior to initiation of ground-disturbing activity. This cost estimate assumes the same approvals are required when decommissioning occurs in the future. The permitting requirements listed below will be reviewed and might be subject to revisions based on local, state, and federal regulations at the time of decommissioning.

National Pollutant Discharge Elimination System (NPDES) Construction General Permit

U.S. Environmental Protection Agency - Ground disturbance of greater than 1 acre requires preparation of a Storm Water Pollution Prevention Plan, including erosion and sedimentation controls.

Building Permit

A building permit is required to construct the facility. A building permit must also be obtained for any construction, alteration, repair, demolition, or change to the use or occupancy of a building.

Permit Requirement Assumptions

No significant ground disturbance or grading associated with decommissioning, including temporary laydown areas, are required within areas subject to additional local, state, or federal permitting.

SOLAR DECOMMISSIONING ESTIMATE

The following items can be salvaged and recycled: fence material, racking piles, PV panels, miscellaneous tracker equipment, AC and DC wiring, combiner boxes, inverters, transformers, medium voltage equipment, electrical equipment posts, and customer owned utility poles.

The decommissioning cost estimate is based on 2024 Kane County prevailing labor rates equipment rates. The equipment rates have been estimated using publicly available data from the Federal Emergency Management Agency (FEMA) published Schedule of Equipment Rates, 2023. The salvage value rates have been estimated using publicly available data (e.g., <http://www.scrapmonster.com>), as well as industry provided actual salvage values and previous experience with similar projects.

The estimated costs utilize hourly and monthly rates listed below:

December 2024 Wages

- Labor at \$85.53/hr;
- Operating engineer at \$109.30/hr;
- Truck driver at \$71.61/hr;

- Electrician at \$102.15/hr;
- Skid steer rental at \$2,350.00/month;
- Excavator rental at \$4,925.00/month; and
- Dump truck rental at \$55.98hr

2024 Salvage Values

- Steel (e.g., fence, racking, posts) at \$0.16/lb;
- PV Panels at \$5/panel;
- Electrical components (e.g., combiner boxes, inverters, transformer) at \$0.28/lb.;
- DC wiring (copper) at \$1.71/lb.; and
- AC wiring (copper and aluminum) at \$1.41/lb.

The estimated cost of construction activities associated with decommissioning using current wages \$823,154. The material salvage value is **\$200,153** for a net decommissioning cost of **\$623,001**.

The attached preliminary decommissioning cost estimate is based on the layout and designs provided by Surya Powered. Changes to the plans and construction may affect the scope and costs of Facility decommissioning. The attached decommissioning cost estimate was prepared under the supervision of a registered professional engineer in the state of Illinois. The opinion of probable costs is based on experience in the design and construction of energy facilities and are subject to final engineering/construction.

If at any time in the future, the prevailing professionally accepted standards of economic feasibility of recycling and or environmental implications of hazardous waste changes to increase the costs associated with decommissioning, the cost estimate will be revised, and the bonds will need to be modified accordingly to cover said cost.

This opinion assumes a third-party contractor, experienced in the construction and decommissioning of photovoltaic facilities will lead the effort. The reported costs include labor materials, taxes, insurance, transport costs, equipment rental, contractor's overhead, and contractor's profit; the labor costs have been estimated using regional labor rates and labor efficiencies from 2024 Kane County Prevailing Wages along with previous decommissioning plan estimates completed for other similar projects.

Surya Powered by its duly authorized representative's signature below, hereby acknowledges that it has reviewed this Decommissioning Plan, and approves of the same, and agrees to be bound by the terms and conditions contained therein.

Authorized Representative: _____

Print Name: _____

Title: _____

Date: _____

**Rutland West Solar Farm
Decommissioning Cost Estimate**

Preliminary Decommissioning Cost Estimate
Rutland West Solar Facility
Rutland West Solar Farm, LLC

Task	Unit	Estimated Quantity	Cost per Unit 2024	Total Gross Cost 2024	Salvage Value 2024	Net Costs 2024
Engineering & Permitting	LS	1	\$ 11,250.00	\$ 11,250.00		\$ 11,250.00
Mobilization	LS	1	\$ 48,300.60	\$ 48,300.60		\$ 48,300.60
Silt Fence	LF	15,900	\$ 3.60	\$ 57,240.00		\$ 57,240.00
Access Road Removal & Restoration	SF	22,170	\$ 4.00	\$ 88,680.00		\$ 88,680.00
Equipment Pad & Restoration	EA	7	\$ 1,200.00	\$ 8,400.00		\$ 8,400.00
Seed Disturbed Areas (50% disturbed area)	AC	22	\$ 1,053.00	\$ 23,166.00		\$ 23,166.00
Fence Removal	LF	15,900	\$ 5.00	\$ 79,500.00	\$ (12,618.24)	\$ 66,881.76
Site Clean Up	AC	44	\$ 300.00	\$ 13,200.00		\$ 13,200.00
Rack and Post Removal	EA	2,600	\$ 80.00	\$ 208,000.00	\$ (104,000.00)	\$ 104,000.00
Remove Panels	EA	15,383	\$ 6.10	\$ 93,836.30	\$ (73,069.25)	\$ 20,767.05
AC Wiring-Direct Burial and Overhead	LF	28,600	\$ 0.42	\$ 11,973.28	\$ (3,629.34)	\$ 8,343.94
DC Wire Removal	LF	59,200	\$ 0.70	\$ 41,440.00	\$ (4,049.28)	\$ 37,390.72
Electrical Disconnect	EA	40	\$ 410.00	\$ 16,400.00		\$ 16,400.00
Inverter	EA	40	\$ 320.00	\$ 12,800.00	\$ (1,084.16)	\$ 11,715.84
Transformer	EA	2	\$ 800.00	\$ 1,600.00	\$ (1,702.40)	\$ (102.40)
SUBTOTAL				\$ 715,786.18	\$ (200,152.67)	\$ 515,633.51
Other Costs						
Contractor Profit	%	8%		\$ 57,262.89		\$ 57,262.89
Contractor Overhead & Management	%	5%		\$ 35,789.31		\$ 35,789.31
Contractor Insurance	%	2%		\$ 14,315.72		\$ 14,315.72
SUBTOTAL				\$ 107,367.93		\$ 107,367.93
DECOMMISSIONING TOTAL				\$ 823,154.10		\$ 623,001.43

**Material, equipment and labor cost estimated utilizing FEMA 2024 schedule of equipment rates, and the Kane County, IL Prevailing Labor rates updated on 12/16/2024.

Kane County Prevailing Wage Rates posted on 12/16/2024

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol	H/W						
ASBESTOS ABT-GEN	All	ALL		50.15	51.15	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		41.27	44.57	1.5	1.5	2.0	2.0	15.84	16.02	0.00	0.90		3.11	6.21
BOILERMAKER	All	BLD		55.76	60.77	2.0	2.0	2.0	2.0	6.97	26.44	0.00	3.34	1.95	0.00	38.26
BRICK MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98
CARPENTER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
CEMENT MASON	All	ALL		51.00	53.00	2.0	1.5	2.0	2.0	12.19	29.96	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		47.09	47.09	1.5	1.5	2.0	2.0	13.00	16.82	0.00	1.09	0.00	5.17	10.34
CERAMIC TILE LAYER	All	BLD		54.84	59.84	1.5	1.5	2.0	2.0	13.00	20.68	0.00	1.17	0.00	7.15	14.30
COMMUNICATION TECHNICIAN	N	BLD		46.63	49.03	1.5	1.5	2.0	2.0	14.67	19.15	0.00	0.93		10.03	20.08
COMMUNICATION TECHNICIAN	S	BLD		47.11	50.36	1.5	1.5	2.0	2.0	17.30	17.69	0.00	1.65		0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		50.82	69.34	1.5	1.5	2.0	2.0	7.25	14.22	0.00	1.52	1.52	8.63	17.26
ELECTRIC PWR GRNDMAN	All	ALL		39.04	69.34	1.5	1.5	2.0	2.0	7.25	10.93	0.00	1.17	1.17	6.63	13.27
ELECTRIC PWR LINEMAN	All	ALL		61.09	69.34	1.5	1.5	2.0	2.0	7.25	17.10	0.00	1.83	1.83	10.38	20.76
ELECTRIC PWR TRK DRV	All	ALL		40.46	69.34	1.5	1.5	2.0	2.0	7.25	11.33	0.00	1.21	1.21	6.87	13.75
ELECTRICIAN	N	ALL		55.99	60.39	1.5	1.5	2.0	2.0	16.54	22.78	0.00	1.68	0.00	12.23	24.46
ELECTRICIAN	S	BLD		57.32	63.05	1.5	1.5	2.0	2.0	17.05	22.05	0.00	2.00	0.00	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		67.84	76.32	2.0	2.0	2.0	2.0	16.18	20.96	5.42	0.75		0.00	0.00
FENCE ERECTOR	All	ALL		48.53	54.35	1.5	1.5	2.0	2.0	13.21	26.70	0.00	1.80	0.00	0.00	0.00
GLAZIER	All	BLD		51.55	53.05	1.5	2.0	2.0	2.0	15.64	26.18	0.00	2.27	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		55.02	58.32	1.5	1.5	2.0	2.0	15.84	19.01	0.00	0.90		4.60	9.20
IRON WORKER	All	ALL		53.40	59.81	2.0	2.0	2.0	2.0	13.21	30.79	0.00	1.80	0.00	0.00	0.00
LABORER	All	ALL		50.15	50.90	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
LATHER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
MACHINIST	All	BLD		58.39	62.39	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		39.50	53.55	1.5	1.5	2.0	2.0	12.70	22.32	0.00	0.73	0.00	2.88	5.76
MARBLE SETTER	All	BLD		51.00	56.10	1.5	1.5	2.0	2.0	12.70	24.01	0.00	0.92	0.00	3.73	7.45

Kane County Prevailing Wage Rates posted on 12/16/2024

MATERIAL TESTER I	All	ALL		40.15		1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
MATERIALS TESTER II	All	ALL		45.15		1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	1	60.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	2	59.50	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	56.95	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	4	55.20	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	5	64.55	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	6	61.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	7	63.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT		50.50	50.50	1.5	1.5	2.0	2.0	23.95	21.40	2.00	2.85	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	1	59.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	2	58.45	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	3	56.40	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	4	55.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	5	53.80	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	6	62.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	7	60.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
ORNAMENTAL IRON WORKER	E	ALL		57.51	60.51	2.0	2.0	2.0	2.0	14.31	26.50	0.00	2.00	0.00	0.00	0.00
PAINTER	All	ALL		53.05	55.05	1.5	1.5	1.5	2.0	16.08	9.90	0.00	1.65	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		45.49	51.09	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.87	1.55	0.93	0.00	0.00	0.00
PIPEFITTER	All	BLD		57.00	60.00	1.5	1.5	2.0	2.0	13.65	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		50.00	53.00	1.5	1.5	2.0	2.0	17.81	21.22	0.00	1.15		0.00	0.00
PLUMBER	All	BLD		58.55	62.05	1.5	1.5	2.0	2.0	17.75	17.74	0.00	1.83		0.00	0.00
ROOFER	All	BLD		50.25	55.25	1.5	1.5	2.0	2.0	11.98	17.34	0.00	1.11	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		56.35	60.86	1.5	1.5	2.0	2.0	15.41	19.83	0.00	1.79	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		60.10	62.85	1.5	1.5	2.0	2.0	14.95	19.30	0.00	1.10	0.00	0.00	0.00
STONE MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98

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SURVEY WORKER	All	BLD		50.15	50.90	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
SURVEY WORKER	All	HWY		50.15	50.90	1.5	1.5	2.0	2.0	15.53	19.10	0.00	0.91		0.00	0.00
TERRAZZO FINISHER	All	BLD		48.94	48.94	1.5	1.5	2.0	2.0	13.00	18.42	0.00	1.11	0.00	4.22	8.44
TERRAZZO MECHANIC	All	BLD		52.85	56.35	1.5	1.5	2.0	2.0	13.00	19.81	0.00	1.15	0.00	4.47	8.94
TRAFFIC SAFETY WORKER I	All	HWY		42.10	43.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		43.10	44.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	44.06		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	44.21		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	44.41		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	44.61		1.5	1.5	2.0	2.0	11.65	15.35	0.00	0.25	0.00	0.00	0.00
TUCKPOINTER	All	BLD		51.53	52.53	1.5	1.5	2.0	2.0	10.05	22.66	0.00	1.15	0.00	0.00	0.00

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations KANE COUNTY

ELECTRICIANS AND COMMUNICATIONS TECHNICIAN (NORTH) - Townships of Burlington, Campton, Dundee, Elgin, Hampshire, Plato, Rutland, St. Charles (except the West half of Sec. 26, all of Secs. 27, 33, and 34, South half of Sec. 28, West half of Sec. 35), Virgil and Valley View CCC and Elgin Mental Health Center.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain

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days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video), telephone, security systems, fire alarm systems that are a component of a multiplex system and share a common cable, and data inside wire, interconnect, terminal equipment, central offices, PABX and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble,

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holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

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Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

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Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEERS - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

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Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

FEMA 2023 Schedule of Equipment Rates

	A	B	C	D	E	F	G	H
	Cost Code	Equipment	Specifications/Manufacturer	Capacity or Size	HP	Notes	Unit	2023 Rates
149	8277	Bucket, Dragline	Miscellaneous 10L	10 CY	N/A	Does not include Clamshell & Dragline	hour	\$11.38
150	8278	Bucket, Dragline	Miscellaneous 14M	14 CY	N/A	Does not include Clamshell & Dragline	hour	\$16.07
151	8280	Excavator, Hydraulic	Bobcat 331E (disc. 2006)	0.06 CY	to 40	Crawler, includes bucket	hour	\$48.97
152	8281	Excavator, Hydraulic	Komatsu PC120-6 (disc. 2008)	0.61 CY	to 89	Crawler, includes bucket	hour	\$96.16
153	8282	Excavator, Hydraulic	Hyundai R210LC-7A (disc. 2010)	1.2 CY	to 143	Crawler, includes bucket	hour	\$100.52
154	8283	Excavator, Hydraulic	Komatsu PC300 LC-7 (disc. 2007)	2.56 CY	to 246	Crawler, includes bucket	hour	\$162.85
155	8284	Excavator, Hydraulic	Deere 650D LC (disc. 2010)	4.04 CY	to 463	Crawler, includes bucket	hour	\$290.23
156	8285	Excavator, Hydraulic	Caterpillar 6015	7.8 CY	to 665	Crawler, includes bucket	hour	\$580.96
157	8286	Excavator, Hydraulic	Miscellaneous 150.1-200 MTONS	12.6 CY	to 870	Crawler, includes bucket	hour	\$848.28
158	8287	Excavator, Truck Mounted	2008 Gradall XL 3100 III (disc. 2011)	0.57 CY	to 184	Truck Mounted	hour	\$214.08
159	8288	Excavator, Truck Mounted	2003 Gradall XL 4100 III (Disc. 2011)	0.62 CY	to 238	Truck Mounted	hour	\$253.26
160	8289	Excavator, Truck Mounted	2006 Gradall XL 5100 (disc. 2006)	1.25 CY	to 230	Truck Mounted	hour	\$284.80
161	8290	Trowel, Concrete	Walk-Behind Concrete Floor Trowel	48 IN	to 12		hour	\$5.77
162	8300	Forklift	Toyota 42-6FGU25 (disc. 2000)	5,000 Lbs	to 59		hour	\$21.31
163	8301	Forklift	Mitsubishi FD55N	12,000 Lbs	to 77		hour	\$26.47
164	8302	Forklift	Komatsu FD80T-8 (disc. 2005)	18,000 Lbs	to 130		hour	\$47.48
165	8303	Forklift	Taylor TE-450M (disc. 1998)	45,000 lbs	to 215		hour	\$95.17
166	8306	Fork Lift material handler	Caterpillar TH360B (disc. 2007)	7,000 lbs	to 95		hour	\$91.61
167	8307	Fork Lift material handler	Caterpillar TH460B (disc. 2007)	9,000 Lbs	to 95		hour	\$121.27
168	8308	Fork Lift material handler	Caterpillar TH560B (disc. 2008)	10,000 lbs	to 118	10,000 Lbs	hour	\$132.64
169	8309	Fork Lift Accessory	Top Clamp Forks for handling logs, pipes, beams, etc. (attaches to forklifts)				hour	\$4.37
170	8310	Generator	Miscellaneous GAS 5,500 W	5.5 KW	to 5.5	Portable; No Enclosure	hour	\$4.86
171	8311	Generator	Miscellaneous DIESEL 17,000 W	17 KW	to 17	Portable; No Enclosure	hour	\$14.57
172	8312	Generator	Miscellaneous DIESEL 45 KW	47.5 kW	47.5	Portable; No Enclosure	hour	\$24.20
173	8313	Generator	Miscellaneous DIESEL 100 KW	100 KW	to 100	Portable; No Enclosure	hour	\$56.70
174	8314	Generator	Miscellaneous DIESEL 150 KW	150 KW	to 150	Portable; No Enclosure	hour	\$85.00
175	8315	Generator	Miscellaneous DIESEL 225 KW	210 KW	to 210	Portable; No Enclosure	hour	\$105.65
176	8316	Generator	Miscellaneous DIESEL 300 KW	280 KW	to 280	Open or Enclosed	hour	\$133.50
177	8317	Generator	Miscellaneous DIESEL 350 KW	350 KW	to 350	Open or Enclosed	hour	\$154.20
178	8317-400	Generator	Miscellaneous DIESEL 400 KW	400 KW	to 400	Open or Enclosed	hour	\$200.52
179	8318	Generator	Miscellaneous DIESEL 500 KW	500 KW	to 500	Open or Enclosed	hour	\$249.54
180	8319	Generator	Miscellaneous DIESEL 700 KW	700 KW	to 700	Open	hour	\$314.74
181	8320	Generator	Caterpillar XQC1200 (Enclosed)	1150 KW	to 1500	Prime Output @ 60 Hz 1260 KW	hour	\$586.29
182	8321	Generator	Generator, 2,500 KW	2500 KW	to 2500		hour	\$686.16
183	8322	Generator	Miscellaneous DIESEL 1000 KW	1000 KW	to 1000	Open	hour	\$583.21
184	8323	Generator	Miscellaneous DIESEL 1500 KW	1500 KW	to 1500	Enclosed	hour	\$892.32
185	8324	Generator	Caterpillar XQC1200 (Enclosed)	1150 KW	to 1150	Enclosed	hour	\$586.29
186	8325	Generator	Miscellaneous DIESEL 40 KW	40 KW	to 40		hour	\$28.70
187	8326	Generator	Miscellaneous DIESEL 25 KW	20 KW	to 35		hour	\$15.31
188	8327	Generator	Miscellaneous DIESEL 800 KW	800 KW	to 800	Enclosed	hour	\$363.63
189	8328	Generator	Miscellaneous DIESEL 900 KW	900 KW	to 900	Enclosed	hour	\$468.35
190	8329	Generator	Miscellaneous DIESEL 1000 KW	1000 KW	to 1000	Enclosed	hour	\$583.21
191	8330	Graders	Ingram MG690 (disc. 1999)	10 Ft	to 110	Rigid Frame equipment	hour	\$75.12
192	8331	Graders	CAT 12H (disc. 2007)	12 Ft	to 145	Articulated Frame equipment	hour	\$116.57
193	8332	Graders	CAT 160H (disc. 2007)	14 Ft	to 180	Articulated Frame equipment	hour	\$164.35
194	8334	Graders	CAT 140	168 x 24 x 0.9 ft	to 250	Articulated Frame equipment	hour	\$167.74
195	8350	Hose, Discharge	Miscellaneous DH-3/25	3 In Discharge Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.15
196	8351	Hose, Discharge	Miscellaneous DH-4/25	4 In Discharge Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.23
197	8352	Hose, Discharge	Miscellaneous DH-6/25	6 In Discharge Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.60
198	8353	Hose, Discharge	Discharge Hose, 8-IN	8 In Discharge Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.66
199	8354	Hose, Discharge	Discharge Hose, 12-IN	12 In Discharge Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.97
200	8355	Hose, Discharge	Discharge Hose, 16-IN	16 In Discharge Diameter	N/A	Per 25 foot length Includes couplings	hour	\$1.80
201	8356	Hose, Suction	Suction Hose - SH-3/25	3 In Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.28
202	8357	Hose, Suction	Miscellaneous SH-4/25	4 In Diameter	N/A	Per 25 foot length Includes couplings	hour	\$0.32
203	8358	Hose, Suction	Miscellaneous SH-6/25	6 In Diameter	N/A	Per 25 foot length Includes couplings	hour	\$1.11
204	8359	Hose, Suction	Suction Hose, 8-IN	8 In Diameter	N/A	Per 25 foot length Includes couplings	hour	\$1.18

FEMA 2023 Schedule of Equipment Rates

	A	B	C	D	E	F	G	H
	Cost Code	Equipment	Specifications/Manufacturer	Capacity or Size	HP	Notes	Unit	2023 Rates
258	8465	Pump, Trash Pump	Miscellaneous 6 DIESEL	6 In Pump	to 70	Self Priming, 90000 gph, add hoses	hour	\$60.83
259	8466	Pump, Trash Pump	Miscellaneous 4 DIESEL	4 In Pump	to 60	Self Priming, 44000 gph, add hoses	hour	\$37.26
260	8467	Pump, Trash Pump	Miscellaneous 4 DIESEL	4 In Pump	to 20	Self Priming, 33000 gph, add hoses	hour	\$20.74
261	8468	Pump, Trash Pump	Miscellaneous 3 DIESEL	3 In Pump	to 15	Self Priming, 18000 gph, add hoses	hour	\$13.62
262	8469	Pump, Trash Pump	Miscellaneous 2 DIESEL	2 In Pump	to 7	Self Priming, 10000 gph, add hoses	hour	\$11.72
263	8470	Pump, Lightweight Centrifugal	6M Alum./PORT.	1.5 In pump	to 4	6500 gph, add hoses	hour	\$5.19
264	8471	Pump, Lightweight Centrifugal	8M Alum./PORT.	2 In Pump	to 5	10000 gph, add hoses	hour	\$5.52
265	8472	Pump, Lightweight Centrifugal	18M ALUM./PORT.	3 In Pump	to 8	6,500 gph, add hoses	hour	\$6.91
266	8473	Pump, Heavy Duty Centrifugal	20M GASOLINE ELECTRIC START	3 In Pump	to 18	20000 gph, add hoses	hour	\$10.08
267	8474	Pump, Electric Submersible	Miscellaneous 4 Three Phase 25 HP	4 In Pump	to 25	50.0 ft cable length, add hoses	hour	\$10.99
268	8475	Pump, Electric Submersible	Miscellaneous 6 Three Phase 35 HP	6 In Pump	to 35	50.0 ft cable length, add hoses	hour	\$12.59
269	8476	Pump, Centrifugal	40M GASOLINE ELECTRIC START	4 In Pump	to 60	40,000 gph, add hoses	hour	\$26.55
270	8477	Pump, Centrifugal	90M GASOLINE ELECTRIC START Pump	6 In Pump	to 85	90,000 gph, add hoses	hour	\$36.73
271	8478	Pump, Centrifugal	350M DIESEL ELECTRIC START Pump	12 In Pump	to 90	350,000 gph, add hoses	hour	\$42.28
272	8479	Pump			to 200		hour	\$62.93
273	8480	Pump			to 275		hour	\$84.66
274	8481	Pump			to 350		hour	\$101.18
275	8482	Pump			to 425		hour	\$122.68
276	8483	Pump			to 500		hour	\$145.23
277	8484	Pump			to 575		hour	\$169.17
278	8485	Pump			to 650		hour	\$191.90
279	8486	Aerial Lift, Truck Mounted	BB150 - Telescopic Boom Aerial Lift	41 Ft	N/A	Platform Cap.: 670 lbs. Add this to a truck for total lift and truck rate	hour	\$10.82
280	8487	Aerial Lift, Truck Mounted	BB180 - Telescopic Boom Aerial Lift	61 Ft	N/A	Platform Cap.: 700 lbs. Add this to a truck for total lift and truck rate	hour	\$23.90
281	8488	Aerial Lift, Truck Mounted	BB1100 - Articulating Boom Aerial Lift	81 Ft	N/A	Platform Cap.: 600 lbs. Add this to a truck for total lift and truck rate	hour	\$39.62
282	8489	Aerial Lift, Truck Mounted	BB1101 - Articulating Boom Aerial Lift	101 Ft	N/A	Platform Cap.: 700 lbs. Add this to a truck for total lift and truck rate	hour	\$64.86
283	8490	Aerial Lift, Self Propelled	JLG 40IC (disc. 2000)	40 Ft	to 22	Platform Cap.: 500 lbs.	hour	\$62.39
284	8491	Aerial Lift, Self Propelled	Niftylift SD50	60 Ft. Ht.	to 21.6	Articulating, Platform Cap.: 500 lbs.	hour	\$72.67
285	8492	Aerial Lift, Self Propelled	S9070RT-HC	70 Ft. Ht.	to 24.9	Scissor Lift, Platform Cap.: 2000 lbs.	hour	\$116.14
286	8493	Aerial Lift, Self Propelled	JLG 1250AJP	125 Ft. Ht.	to 75	Articulating, Platform Cap.: 500 lbs.	hour	\$171.37
287	8494	Aerial Lift, Self Propelled	JLG 1500AJP	150 Ft. Ht.	to 99.8	Articulating, Platform Cap.: 1000 lbs.	hour	\$189.70
288	8495	I.C. Aerial Lift, Self-Propelled	Miscellaneous BB1-40	75"x155", 40Ft Ht.	to 80	Scissor Lift	hour	\$80.28
289	8496	Crane, Truck Mounted	JLG 1000BT	20,000 LBS	N/A	55.0 ft boom length	hour	\$39.32
290	8497	Crane, Truck Mounted	JLG 1700A	36,000 LBS	N/A	75.0 ft boom length	hour	\$55.94
291	8498	Crane, Truck Mounted	Manitex - 30100C	60,000 LBS	N/A	100.0 ft boom length	hour	\$85.13
292	8499	Trash Pump	Miscellaneous 3 DIESEL	3 In Pump	to 15	Self Priming, 25000 gph, add hoses	hour	\$13.68
293	8500	Crane, Yard	Shuttlelift 3330FL	17000 lbs/8.5 tons	to 70	30.2 ft boom length	hour	\$177.29
294	8501	Crane, Rough Terrain	Broderson RT-300-2C	29983 lbs/15 tons	to 155	60 ft boom length	hour	\$316.63
295	8502	Crane, All Terrain	Grove GMK2035E	69886 lbs/34.9 tons	to 157	95 ft boom length	hour	\$255.54
296	8503	Crane, All Terrain	Grove GMK3055	119931 lbs/60 tons	to 240	141 ft boom length	hour	\$290.08
297	8504	Crane, Crawler Mounted Lattice Boom	American HC-125 (disc. 2004)	250004 lbs/125 tons	to 245	300 ft boom length	hour	\$348.24
298	8510	Saw, Concrete	Miscellaneous 4.6-14MC	14 In	to 14	4.625 in max cut depth	hour	\$11.89
299	8511	Saw, Concrete	Miscellaneous 10-26SPC	26 In	to 25	10.625 in max cut depth	hour	\$19.74
300	8512	Saw, Concrete	Miscellaneous 20-48SPC	48 In	to 65	20.75 in max cut depth	hour	\$42.16
301	8513	Chain Trencher, Wheel Mounted	Vermeer V8550A (disc. 2008)	60 in depth	to 83		hour	\$108.77
302	8514	Chain Trencher, Wheel Mounted	Vermeer V120	60 in depth	to 107		hour	\$300.82
303	8517	Jackhammer (dry)	Miscellaneous 25DRY	25 lbs	Air	Add air compressor and hoses	hour	\$1.40
304	8518	Jackhammer (wet)	Miscellaneous 30WET	30 lbs	Air	Add air compressor and hoses	hour	\$1.60
305	8521	Scraper	CAT 611 (Disc. 2004)	15 cu yd heaped	to 262.2		hour	\$239.81
306	8522	Scraper	621G (disc. 2010)	22 cu yd heaped	to 365		hour	\$342.28
307	8523	Scraper	631G (disc. 2010)	34 cu yd heaped	to 500		hour	\$573.69
308	8524	Scraper	Caterpillar 651E (Disc.2006)	44 cu yd heaped	to 604		hour	\$653.53
309	8540	Loader, Skid Steer	Bobcat S70	5.8 cu yd	to 23.5		hour	\$37.32
310	8541	Loader, Skid Steer	Bobcat S205	14 cu yd	to 66		hour	\$53.24

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311	8542	Loader, Skid Steer	Bobcat S300 (disc. 2011)	15.4 cu yd	to 81		hour	\$78.88
312	8549	Snow Plower, Salt Spreader	Towed Salt Spreader/Snow Plower	26 ft X 8 ft	0		hour	\$21.00
313	8550	Snow Blower, Truck Mounted	Miscellaneous Mechanical	60 in Cutting Width	to 30		hour	\$31.25
314	8551	Snow Blower, Truck Mounted	Miscellaneous 1400 - Rotary Snow Blowers	99.375 in Cutting Width	to 200		hour	\$106.21
5	8552	Snow Blower, Truck Mounted	Miscellaneous 2000 - Rotary Snow Blowers	102 in Cutting Width	to 340		hour	\$166.14
316	8553	Snow Blower, Truck Mounted	Miscellaneous 2400 - Rotary Snow Blowers	102 in Cutting Width	to 400		hour	\$184.14
317	8558	Snow Thrower, Walk Behind	Toro Power Max® 826 OE (37780)	40 ft throwing distance	to 5		hour	\$3.68
318	8559	Snow Thrower, Walk Behind	Toro 74523 MultiForce 60-in Blower		to 25	60-IN capable mower with 48-IN snow blower attachment	hour	\$17.93
319	8559-1	SnowBroom	Oshkosh Snow Broom		to 450-500		hour	\$224.84
320	8560	Snow Blower, Self Propelled	Miscellaneous 2000	2000 ft per minute	to 400	102 in cutting width	hour	\$220.59
321	8561	Snow Blower, Self Propelled	Miscellaneous 2500	2500 ft per minute	to 500	120 in cutting width	hour	\$249.87
322	8561-1	Snow Blower	MTE Snow Mauler		to 428		hour	\$317.70
323	8561-2	Snow Blower	Vammas PSB 4500MTE		to 420		hour	\$325.04
324	8562	Snow Blower	Miscellaneous 3500	3500 ft per minute	to 600	96.0 in cutting width	hour	\$287.00
325	8563	The Vammas 4500	Snow Remover		to 428		hour	\$322.15
326	8564	The Vammas 5500	RM300		to 350		hour	\$262.68
327	8565	Oshkosh Pavement Sweeper	H-Series		to 420		hour	\$283.74
328	8569	Dust Control De-ice Unit	Hydro Pump with 100-ft of 1/2-in hose				hour	\$4.39
329	8570	Loader-Backhoe, Wheel	Kubota L39 Backhoe (disc. 2012)	0.5 CY Loader bucket	to 30.5		hour	\$49.41
330	8571	Loader-Backhoe, Wheel	CASE 580M	1.0 CY Loader bucket	to 80		hour	\$58.73
331	8572	Loader-Backhoe, Wheel	CAT 420F (Disc. 2017)	1.2 CY Loader bucket	to 93		hour	\$91.69
332	8573	Loader-Backhoe, Wheel	CAT 430E IT	1.31 CY Loader bucket	to 102		hour	\$98.35
333	8580	Distributor, Asphalt	Miscellaneous 550 GAL	550 gal	to 16		hour	\$16.58
334	8581	Distributor, Asphalt	Miscellaneous 1000G	1000-gal	to 38		hour	\$26.88
335	8582	Distributor, Asphalt	Miscellaneous 4000G	4000-gal		Power Takeoff	hour	\$34.66
336	8583	Distributor					hour	\$53.99
337	8584	Distributor	Etnyre Chip Spreader	13-FT	to 210		hour	\$94.46
338	8590	Trailer, Rear Dump	Miscellaneous STANDARD 24 20	20.0 cu yd 24.0 t	N/A		hour	\$10.17
339	8591	Trailer, Rear Dump	Cap.: 30 cy; Deck Length: 16-ft to 18-ft; Deck: Level		N/A		hour	\$16.57
340	8600	Trailer, Equipment	Miscellaneous LEVEL 2 30	30 ton	N/A		hour	\$15.22
341	8601	Trailer, Equipment	Miscellaneous DROP 2 40	40 ton	N/A		hour	\$17.10
342	8602	Trailer, Equipment	Miscellaneous DROP 3 60	60 ton	N/A		hour	\$21.59
343	8603	Trailer, Equipment	Miscellaneous FLUSH 4 120	120 ton	N/A		hour	\$33.82
344	8610	Trailer, Water	Miscellaneous 1200 4000	4000 gallon	N/A		hour	\$14.91
345	8611	Trailer, Water	Miscellaneous 1200 6000	6000 gallon	N/A		hour	\$18.49
346	8612	Trailer, Water	Miscellaneous 1500 10000	10000 gallon	N/A		hour	\$21.95
347	8613	Trailer, Water	Miscellaneous 1500 14000	14000 gallon	N/A		hour	\$27.87
348	8614	Truck - Water Tanker	Miscellaneous GAS 4X2 1500	1500 gallon	175		hour	\$40.76
349	8620	Trailer Mounted Brush Chippers	Chipping Capacity: 25-IN HP 600	25-IN	to 600		hour	\$197.31
350	8621	Tub Grinder	Morbark 223	Chipping Capacity: 23-IN	to 630		hour	\$180.37
351	8622	Tub Grinder	Morbark 40/36 Tub Grinder	Chipping Capacity: 24-IN	800 to 850		hour	\$266.91
352	8623	Tub Grinder	Morbark 50/48X Tub Grinder	Chipping Capacity: 28-IN	to 1050		hour	\$355.20
353	8627	Horizontal Grinder	Vermeer HG6000 Horizontal Grinder		to 630		hour	\$73.25
354	8628	Stump Grinder	Vermeer SC852		to 74		hour	\$60.21
355	8629	Stump Grinder	24-in Grinding Wheel		to 110		hour	\$57.38
356	8630	Sprayer, Seed	Reinco HG-5-HA, Trailer Mounted		to 20		hour	\$13.34
357	8631	Sprayer, Seed	Reinco HG-10GXA2, Trailer Mounted		to 35	Single Drum	hour	\$20.39
358	8632	Sprayer, Seed	Reinco HG-30GX, Truck Mounted		to 115		hour	\$40.10
359	8633	Mulcher, Trailer Mntd	Finn B70		to 33.5		hour	\$24.71
360	8634	Mulcher, Trailer Mntd	Reinco M65		to 54	11-Wheels (Towed)	hour	\$40.84
361	8635	Mulcher, Trailer Mntd	Reinco M90		to 115		hour	\$59.32
362	8636	Scraper	Wirtgen WR2400		to 563		hour	\$628.18
363	8637	Trailer (Off Highway Bottom Dump)	Load King 2842	28.0 cu yd	N/A		hour	\$26.29
364	8638	Rake	Barber Beach Sand Rake 600HD		0		hour	\$19.55
365	8639	Chipper	Wildcat 626 Cougar		0		hour	\$43.84

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366	8640	Trailer, Office	Miscellaneous 8X24		0		hour	\$1.98
367	8641	Trailer, Office	Miscellaneous 8X32		0		hour	\$2.44
368	8642	Trailer, Office	Miscellaneous 10X32		0		hour	\$3.40
369	8643	Trailer			0		hour	\$48.17
	8644	Trailer, Covered Utility Trailer	7-ft x 16-ft		0		hour	\$7.29
371	8645	Trailer, Dodge Ram	12 Station Portable Shower Trailer		to 101		hour	\$37.58
372	8646	Trailer, Dodge			to 200		hour	\$35.44
373		Trencher	Seaman-Parsons T20		to 20		hour	\$50.19
374	8651	Trencher	Seaman-Parsons T500		to 58		hour	\$79.20
375	8652	Trencher/Ditcher	New Holland B115B (disc. 2012)	1.5CY	to 108		hour	\$76.79
376	8653	Trencher/Ditcher	New Holland T8.330 (disc. 2014)		to 284		hour	\$167.77
377	8654	Trencher Accessories					hour	\$2.43
378		Plow, Cable	Case MAXI-SNEAKER C (disc. 2003)	24-in	to 33.5		hour	\$21.68
379	8661	Plow, Cable	Seaman-Parsons DP-60	18-in	to 82		hour	\$58.43
80	8662	Plow, Cable	Seaman-Parsons DP-100	42-in	to 110		hour	\$68.83
381	8670	Derrick, Hydraulic Digger	Miscellaneous 60/12- Hydraulic Digger Derricks		to 275		hour	\$27.14
382	8671	Derrick, Hydraulic Digger	Miscellaneous 990/14 - Hydraulic Digger Derricks		to 310		hour	\$48.77
383	8672	Movax SP-60	28-32 ton Head		to 178		hour	\$135.30
384	8680-1	Truck, Concrete Mixer	Mixer Capacity = 13 cy	13-CY	to 285		hour	\$73.66
385	8680	Truck, Fire Aerial Platform	112Ft Ladder	3000gpm/1000 gal Water or Foam	to 600		hour	\$104.96
386	8681	Truck, Fire, Engine Type-1	1000GPM/300gal Engine, with Pump & Roll		to 420		hour	\$173.47
387	8682	Truck, Fire, Engine Type-2	500GPM/300gal Engine, with Pump & Roll		to 184		hour	\$163.55
388	8683	Truck, Fire, Ladder(48ft)(Type-III)	150gpm/500gal Hose 1-1/2"D 500' Long		to 238		hour	\$147.82
389	8684	Truck, Fire	100-ft Ladder		to 230	1500gpm Monitor/nozzle	hour	\$220.55
390	8685	Truck, Fire, Ladder(48ft)(Type-I)	1000gpm/400gal, 500gpm Master Stream Hose 2-1/2"D 1200' Long		to 12		hour	\$190.81
391	8686	Truck, Fire, Ladder(48ft)(Type-II)	500gpm/300gal, Hose 2-1/2"D 1000' Long		to 60		hour	\$162.93
392	8687	Truck, Fire, Support Water Tender S1	300GPM/4000+gal S1 Water Tender		to 90		hour	\$141.87
393	8688	Truck, Fire, Support Water Tender S2	200GPM/2500+gal S2 Water Tender		to 140		hour	\$128.24
394	8689	Truck, Fire, Support Water Tender S3	200GPM/1000+gal S3 Water Tender		to 215		hour	\$97.88
395	8690	Truck, Fire			to 95		hour	\$87.14
396	8691	Truck, Fire			to 95		hour	\$92.40
397	8692	Truck, Fire			to 118		hour	\$100.49
398	8693	Truck, Fire			to 10		hour	\$104.13
399	8694	Truck, Fire Ladder			to 160		hour	\$149.92
400	8695	Truck, Fire Ladder			to 240		hour	\$181.43
401	8696	Truck, Fire			to 311		hour	\$119.39
402	8697	Truck, Fire, Tactical Water Tender T1	250GPM/2000+gal		to 400		hour	\$148.07
403	8698	Truck, Fire, Tactical Water Tender T2	250GPM/1000+gal		to 500		hour	\$127.21
404	8699	Truck, Fire, Engine Type-3	150GPM/500gal Engine, with Pump & Roll		to 610		hour	\$156.74
405	8700	Truck, Flatbed	Miscellaneous 4X2 15KGVW DSL		to 200		hour	\$32.35
406	8701	Truck, Flatbed	Miscellaneous 4X2 25KGVW GAS		to 275		hour	\$47.12
407	8701-1	Truck, Flatbed	Miscellaneous 4X2 25KGVW DSL		to 200		hour	\$35.58
408	8702	Truck, Flatbed	Miscellaneous 4X2 30KGVW DSL		to 217		hour	\$40.30
409	8703	Truck, Flatbed	Miscellaneous 6X4 45KGVW DSL		to 380		hour	\$68.31
410	8708	Trailer, semi	48ft spread axle flatbed		NA		hour	\$10.74
411	8709	Trailer, semi	Enclosed 48ft, 2 axle trailer		NA		hour	\$12.17
412	8710	Trailer, semi			0		hour	\$12.40
413	8711	Flat bed utility trailer	Non-Tilt Deck Utility Trailers - TOW 2 1 6		NA		hour	\$2.87
414	8711-1	Sewer Camera Inspection Truck					hour	\$17.11
415	8711-2	Sewer Camera Inspection Truck	Aries Pathfinder System Control Center, Work Station		N/A		hour	\$104.82
416	8712	Cleaner, Sewer/Catch Basin	Miscellaneous 5-P - Sewer/Catch Basin Cleaner For Truck Mounting	4 in Discharge Diameter		Power Takeoff	hour	\$20.62

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417	8713	Cleaner, Sewer/Catch Basin	Miscellaneous 14-P - Sewer/Catch Basin Cleaner For Truck Mounting	6 In Discharge Diameter		Power Takeoff	hour	\$27.42
418	8714	Combined Sewer Cleaning	Vacuum Truck 800 Gal Spoils/400 Gal Water		to 74		hour	\$32.81
419	8714-H	Combined Sewer Cleaning (Accessory Hoses)	Miscellaneous SH-4/25	4-IN	N/A	50-FT of 4-IN hoses @\$0.60/Hour for Vac Truck	hour	\$0.32
420	8714-1	Vector Combine Vaccum Truck		15 Cu Yd	N/A		hour	\$107.72
421	8714-2	Combined Sewer Cleaning		1500 gal Water	N/A		hour	\$109.97
422	8714-3	Combined Sewer Cleaning		500-1500 gals	N/A		hour	\$97.76
423	8715	Truck, Hydro Vac	500-gal debris tank;		N/A		hour	\$22.92
424	8716	Leaf Vac			N/A		hour	\$65.58
425	8717	Truck, Vacuum			N/A		hour	\$95.06
426	8718	Combined Sewer Cleaning		500-1500 gals	to 370		hour	\$97.76
427	8719	Litter Picker	Miscellaneous TRAC MOUNT ENG DRIV	Broom Length 72.0 in	to 18		hour	\$8.38
428	8720	Truck, Dump	Miscellaneous 4X4 8YD 30KGVW DSL	7-CY	to 217		hour	\$55.98
429	8721	Truck, Dump	Miscellaneous 6X4 10YD 40KGVW	8-10-CY	to 315		hour	\$74.83
430	8722	Truck, Dump	Miscellaneous 6X4 12YD 50KGVW	12-CY	to 400		hour	\$94.94
431	8723	Truck, Dump		14-CY	to 400		hour	\$96.03
432	8724	Truck, Dump, Off Highway	Bell B40E (articulated)	24-CY	to 436		hour	\$174.29
433	8725	Truck, Dump	Miscellaneous 8X4 18YD 85KGVW	18 CY	to 400		Hour	\$117.13
434	8730	Truck, Garbage			to 255		Hour	\$61.69
435	8731	Truck, Garbage			to 325		Hour	\$70.70
436	8733	E=BAM Services			N/A		Hour	\$3.80
437	8734	Attenuator, Safety	Miscellaneous ALUMINUM-2		N/A		Hour	\$5.19
438	8735	Truck, Attenuator			N/A		Hour	\$4.82
439	8736	Truck, Tow	Freightliner M2 106 4x2 Diesel (disc. 2015)	GW 26000 lbs	to 175		Hour	\$54.63
440	8744	Van, Custom			to 350		Hour	\$22.74
441	8745	Van, step	Freightliner 4500 Sprinter 4x2 Diesel (2021)		to 300		Hour	\$35.60
442	8746	Van-up to 15 passenger	GMC Savana Passenger Van (disc. 2010)		225-300		Hour	\$35.19
443	8747	Van-up to 15 passenger	GMC Savana 3500 LS Passenger Van (disc. 2020)		to 265		Hour	\$40.50
444	8748	Van-cargo	Chevrolet City Express Cargo Van (disc. 2018)		225-300		Hour	\$26.01
445	8749	Van-cargo	Chevrolet Express Cargo Van (2022)				Hour	\$32.64
446	8750	Vehicle, Small			to 30		Hour	\$7.94
447	8753	Vehicle, Recreational			to 10		Hour	\$3.56
448	8754	Motor Coach	GVW=50534, 56 Passenger + 1-Driver		to 430		Hour	\$79.22
449	8755	Golf Cart			0		Hour	\$4.71
450	8761	Vibrator, Concrete	Miscellaneous 2-7/21 - Motor-in-Head		to 2		Hour	\$1.47
451	8770	Welder, Portable	Miscellaneous GAS 180 DC-CC		to 13		Hour	\$5.43
452	8771	Welder, Portable	Miscellaneous DIESEL 300 DC-CC		to 33		Hour	\$11.28
453	8772	Welder, Portable	Miscellaneous GAS 350 DC-CC/CV		to 52		Hour	\$19.07
454	8773	Welder, Portable	Miscellaneous DIESEL 600 DC-CC/CV DU-OP		to 42		Hour	\$15.41
455	8780	Truck, Water	Miscellaneous DSL 4X2 2500		to 150		Hour	\$37.65
456	8781	Truck, Water	Miscellaneous BB2 DSL 6X4 4000 (disc. 1994)		to 250		Hour	\$61.16
457	8789	Truck, Tractor	On-Highway Truck Tractors 45,001 - 60,000 GVW		to 400		Hour	\$87.02
458	8790	Truck, Tractor	On-Highway Truck Tractor - 4X2 25KGVW GAS		to 295		Hour	\$57.92
459	8791	Truck, Tractor	On-Highway Truck Tractor - 4X2 35KGVW DSL		to 329		Hour	\$70.72
460	8792	Truck, Tractor	On-Highway Truck Tractor - 6X4 45KGVW DSL		to 380		Hour	\$81.91
461	8793	Truck	Ford F-450 Cutaway Truck (disc. 2018)		to 390		Hour	\$80.27
462	8794	Truck, Freight	Dodge Ram Chassis 5500		to 275		Hour	\$28.84
463	8795	Truck, backhoe carrier	Miscellaneous 4X2 25KGVW DSL		to 380		Hour	\$35.58
464	8796	Truck, freight	Enclosed w/lift gate. Heavy duty, class 7				Hour	\$38.94
465	8797	Truck, freight	M2-106 4x2 Diesel (disc. 2015)		to 250		Hour	\$54.63
466	8798	Truck	Miscellaneous 4X2 30KGVW DSL		to 300		Hour	\$40.30
467	8799	Truck	Miscellaneous 6X4 43KGVW DSL				Hour	\$50.95
468	8800	Truck, Pickup				GSA 2023 Mileage Rate	Mile	\$0.66

FEMA 2023 Schedule of Equipment Rates

	A	B	C	D	E	F	G	H
	Cost Code	Equipment	Specifications/Manufacturer	Capacity or Size	HP	Notes	Unit	2023 Rates
469	8801	Truck, Pickup	Miscellaneous 4X2 1/2 160 CONV DSL	160	to 160		Hour	\$16.68
470	8802	Truck, Pickup	4X2 1 195 CONV DSL	195	to 195		Hour	\$19.91
471	8803	Truck, Pickup	4X2 1 1/4 360 CONV DSL	360	to 360		Hour	\$33.03
472	8804	Truck, Pickup	4X2 1 1/2 300 CONV DIESEL	310	to 310		Hour	\$29.56
473	8805	Truck, Pickup	Miscellaneous 4X2 1 3/4 360 CONV DSL	360	to 360		Hour	\$34.09
474	8806	Truck, Pickup	Miscellaneous 4X2 3/4 160 CONV DSL	160	to 160		Hour	\$17.00
475	8807	Truck, Pickup	Miscellaneous 4X4 3/4 285 CREW GAS	285	to 285		Hour	\$27.78
476	8808	Truck, Pickup	4X4 1 340 CREW DSL	340	to 340		Hour	\$31.81
477	8809	Truck, Pickup	4X4 1 1/4 360 CREW GAS	360	to 360		Hour	\$35.45
478	8810	Truck, Pickup	4X4 1 1/2 362 CREW GAS	362	to 362		Hour	\$35.87
479	8811	Truck, Pickup	4X4 1 3/4 362 CREW GAS	362	to 362		Hour	\$36.62
480	8820	Skidder accessory			N/A		Hour	\$2.17
481	8821	Forklift, accessory			N/A		Hour	\$1.93
482	8822	Truck, Loader	BARKO 495ML Magnum		0		Hour	\$68.93
483	8823	Chipper- Wood Recycler	Bandit 2400XP		to 645		Hour	\$243.59
484	8824	Skidder	Caterpillar 525B (disc. 2006)	160	to 160		Hour	\$122.04
485	8825	Skidder	Caterpillar 525C (disc. 2014)	182	to 182		Hour	\$143.95
486	8840	Truck, service			215-225		Hour	\$49.80
487	8841	Truck, fuel	Miscellaneous BB2 Gas 4X2 2000		to 200		Hour	\$38.94
488	8842	Mobile Command Trailer			0		Hour	\$18.25
489	8843	Mobile Response Trailer			0		Hour	\$17.19
490	8844	Mobile Command Center	40-ft long; GVWR: 56000 lbs; 20 kw generator		to 400		Hour	\$106.68
491	8845	Mobile Command Post Vehicle	22-ft long;		to 340		Hour	\$39.09
492	8846	Mobile Command Post Vehicle	25'6" long; GVWR 19500 lbs; Duramax Diesel		to 325		Hour	\$25.19
493	8847	Mobile Command Center (Trailer)	42" long				Hour	\$39.27
494	8848	Mobile Command Center (Trailer)					Hour	\$62.81
495	8849	Mobile Command Center			to 280	Generator Rate not included	Hour	\$68.61
496	8850	Mobile Command Center	GVWR: 22500 lbs; Diesel		to 260		Hour	\$58.38
497	8851	Mobile Command Van	Sprinter; GVWR: 11030		to 230	Communication Equipment	Hour	\$53.01
498	8852	Mobile Command Center			to 410		Hour	\$84.30
499	8853	Mobile Command Center			to 410		Hour	\$56.86
500	8854	Mobile Command Vehicle	GVWR: 54600 lbs		to 450		Hour	\$122.47
501	8870	Light Tower	Miscellaneous HEAVY DUTY-14	30-FT	to 13.5		Hour	\$9.65
502	8871	Light Tower	Miscellaneous LIGHT DUTY-7-1/2	20-FT	to 7.5		Hour	\$5.70
503	8872	Sand Bagger Machine			2-4.5		Hour	\$61.23
504	8900	Helicopter			to 420		Hour	\$578.64
505	8901	Helicopter			to 420		Hour	\$605.89
506	8902	Helicopter	Jet Range III-Helicopter		to 650	Jet Range III-Helicopter	Hour	\$712.45
507	8903	Helicopter	Long Ranger		to 650	Long Ranger	Hour	\$725.42
508	8904	Helicopter	Twinranger		to 450	Twinranger	Hour	\$945.76
509	8905	Helicopter	Model Bell 407 EMS- Ambulance		to 250		Hour	\$774.84
510	8906	Fixed wing	Model Navajo PA-31		to 310		Hour	\$590.53
511	8907	Fixed wing	PA-31-350, Navajo Chieftain twin engine		to 350		Hour	\$628.44
512	8908	Helicopter	Fire Fighter Same as S70C		to 1890	Fire Fighter Same as S70C	Hour	\$3,685.48
513	8909	Helicopter	Fire Fighter		to 1890	Fire Fighter	Hour	\$6,887.91
514	8910	Helicopter	Fire Fighter		to 2850	Fire Fighter	Hour	\$13,452.95
515	8911	Helicopter- light utility	Model Bell 407GX - 7 seater		to 250	Passenger Aircraft	Hour	\$768.68
516	8912	Helicopter- light utility	Model Bell 206L- 7 seater			Passenger Aircraft	Hour	\$753.24
517	8913	Helicopter	Model Bell-206L4		to 420		Hour	\$706.55
518	8914	Fixed wing	Blackhawk King Air B200XP61		to 669		Hour	\$1,633.20
519	8915	Fixed wing	Blackhawk Caravan XP42 A		to 850		Hour	\$914.57
520	8916	Fixed wing	King Air C90 XP135 A		to 550		Hour	\$1,373.27
521	8917	Aerostar Helicopter	Aerostar 601P		to 290		Hour	\$578.23