

Agenda: FEMA Public Assistance Program Reimbursement Procedures for Hurricane Irma

Monday, September 25, 2017

Meeting Purpose: To provide general guidance and resources to aid in completion of the FEMA reimbursement forms.

Expected Outcome: To have a standardized process across departments which will facilitate completion of the "Hurricane Irma Summary of Costs Form" and "Project Worksheets" required for submission to FEMA.

Introduction: Finance Team

FEMA Public Assistance Program (PAP) Overview

PAP Resources & Guides:

1. FEMA Public Assistance Program and Policy Guide (PAPPG) [https://www.fema.gov/media-library-data/1496435662672-d79ba9e1edb16e60b51634af00f490ae/2017_PAPPG_2.0_508_FINAL\(2\).pdf](https://www.fema.gov/media-library-data/1496435662672-d79ba9e1edb16e60b51634af00f490ae/2017_PAPPG_2.0_508_FINAL(2).pdf)
2. PAPPG Quick Guide compiled by Finance
3. FEMA Categories and examples of eligible work
4. FEMA National Project Worksheet Template v2.6 June 2012 Excel 2007/2010
5. FEMA Schedule of Equipment Rates
6. Required Forms (See Overview Below)

Significance of Record Keeping:

1. Recover all eligible costs.
2. Gather information necessary to complete Project Worksheets.
3. Have the information available for the State and FEMA to validate accuracy of projects.
4. Be ready for any State or Federal audits or other program/financial reviews.

Required Forms:

1. **Summary of Costs Form** – required for FEMA Applicant Briefing Meeting (2/3 weeks)
2. **Force Account Labor Summary Record** – used to capture personnel costs
3. **Force Account Equipment Summary Record** – used to capture equipment use costs
4. **Rented Equipment Summary Record** – used to capture costs of rented or leased equipment
5. **Material Summary Record** – used to capture costs of supplies/materials that are taken out of stock or purchased
6. **Contract Work Summary Record** – used to capture the costs of work that is completed by contract
7. **Project Worksheets** (to be completed at a later date; however, necessary to begin accumulating data)

Donations: Need to track volunteers, materials (food, bedding, clothing) and equipment

Due Dates:

Categories C-G Summary of Costs Spreadsheet due to Finance by close of business, Tuesday, **September 26, 2017**

Categories A & B Summary of Costs Form and supporting schedules due by noon on Friday, **September 29, 2017**

Points of Contact: Jorge Blanco – City of Miami Reimbursement related questions
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Open Discussion & Closing Summary

Public Assistance Program Quick Guide

September 2017

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General Information

Documentation

All reimbursement is based on the supporting documentation. The documentation must be able to stand the test of audit. The forms utilized are available in a computerized version using MS Excel and PDF. Failure to properly document costs may result in part or the entire claim being ineligible for reimbursement. It is very important to document the request for mutual aid in addition to documenting costs.

Eligibility

To meet eligibility requirements for reimbursement, an item of work must:

- Be required as the result of the emergency or disaster event.
- Be located within a designated emergency or disaster area.
- Be the legal responsibility of the eligible applicant.
- If Mutual Aid - Have been requested by the impacted department.

Categories of Work

The work most often performed under this plan is Emergency Work. This work is performed immediately to save lives, to protect property, for public health and safety, and/or to avert or lessen the threat of a major disaster. Emergency Work contains two categories: Debris Clearance (Category A) and Protective Measures (Category B).

It is possible that certain types of claims may be made under Permanent Work categories. For example, certain damages or losses of facilities and equipment may fall into the permanent Work categories.

Expenses for Personnel

Only the actual hours worked beyond the regular duty time (either overtime, regular time hours, comp time) can be claimed for FEMA category A and B (Emergency Work). Standby time is not eligible for reimbursement. If time and one-half or double time is paid to regular hourly employees for overtime or holiday work, these payments must be in accordance with rates established prior to the disaster (i.e. Collective Bargaining Agreement). If Applicant volunteers are not normally paid, FEMA may offset the non-federal portion of the emergency work by granting credit for eligible donated labor, equipment and materials. Volunteer Fire Departments activated by this plan may submit claims to the impacted department(s) for reimbursement at the normal rate per hour. The claim for reimbursement of all personnel costs will be for hours actually worked in excess of any pre-designated response period. In some cases, FEMA may approve reimbursement for overtime costs associated with "backfilling". If approved, this option would allow the department to be reimbursed when personnel are called back to work on an overtime basis to replace existing employees already approved to perform disaster related activities elsewhere.

Equipment Expense

Each department may be eligible for reimbursement for the use of equipment owned (Force Account Equipment) by the department when it is used in disaster work. To assist in the reimbursement process, FEMA has developed a "Schedule of Equipment Rates". The impacted Departments should obtain the most recent version of the schedule available at the FEMA.gov website (using the search engine for EQUIPMENT RATES) prior to submitting for reimbursement.

Equipment that is damaged and/or lost during disaster incidents may be eligible for reimbursement. The damage and/or loss must be documented along with sufficient supportive documentation such as video and/or photographs. Factors such as insurance, salvage, and age of the equipment (a Blue Book type of figure) will also be considered as a part of the review of the claim. If the documentation is not comprehensive, detailed and accurate, portions of the claim and possibly the entire claim may be disallowed.

Rented Equipment

It is possible that a department may use some rented equipment. These costs may also qualify for reimbursement.

Documenting Disaster Cost

General

The primary reason that local governments fail to receive reimbursement is the lack of properly documented disaster costs. Since federal payments are based on Project Worksheets, final inspections and audits, the proper documentation of costs is an absolute requirement. It is not enough just to complete the disaster-related work - that work must be fully and accurately documented!

Specific

Documentation should begin immediately during the response to the disaster.

1. The work done for such things as debris removal and emergency protective measures should be documented.
2. A separate file folder should be set up for each location where work is being done.
3. Later, as Project Worksheets are completed, a separate folder should be established for each Project Worksheet.
4. Place the Project Worksheet in its own folder along with all supporting documents to verify claim for potential reimbursement.
5. If in doubt about starting a new folder, start a new folder.

Basically, there are two ways to complete items of work: one is by contract, and the other is by force account (using personnel, equipment, and materials belonging to the department).

Files

The problem is how to keep a separate record of costs for each project when it is not known what each project will cover. One way to accomplish this is to establish, immediately after the disaster, a separate folder for each emergency work project that must be done before project approval is received. For example, damage to three streets should have a separate folder set up for each street, not one folder for all three streets. If several buildings require repairs (such as repairing roofs to prevent further rain damage), set up a folder for each building. When the Project Worksheets are completed and approved, a permanent folder can be established for each project. It is easier to combine information from several folders than to separate information out of one folder.

Labor

Permanent and temporary employees must be on the payroll in order to be reimbursed for their work on disaster projects. The payroll records must show:

1. the pay period,
2. employee name,
3. job classification,
4. number of hours worked each day,
5. total hours worked for the pay period,

6. rate of pay (regular and overtime),
7. and total earnings.

The records must also show which project the employee worked on each day and each hour if he/she worked on more than one project in a single day. Claims for labor must be documented for each project **individually**.

The time records must show how much time the employee worked on the disaster projects. Overtime must be shown on the records as being disaster related. Overtime pay must be in accordance with policies and practices in use by the department before the disaster. That means that pay for overtime worked during a disaster cannot be claimed if overtime is not paid for extra hours worked prior to the disaster.

Procedures must be set up to record each day to show which employees worked on each disaster- related job, for how long, and what he or she did. The record sheets should be used by the supervisor of each work crew and turned into the designated record keeper. The record keeper should also prepare the Fringe Benefit Rate Sheet.

If an employee worked on two or more projects on the same date, the supervisor should turn in a separate Forced Account Labor Record for each project. These Force Account Labor Records are to be filed in the proper project folders.

There is no direct reimbursement for volunteer labor. However, it is important to keep a record of volunteer labor if claims for equipment hours used by volunteers are being made. FEMA may allow credit for the fair market value of volunteer labor hours (per task) to offset the applicant cost share if a force account labor sheet is kept for each volunteer.

Equipment

Equipment used on each project (both owned and rented) must be documented. Specifically, the documentation must show:

1. the Project Number,
2. date used,
3. FEMA code (if known),
4. equipment description, operator,
5. hours used each day, cost per hour,
6. and total cost for each piece of equipment.

Equipment not in actual use is considered standby and is not eligible for reimbursement.

Use the Equipment Record or the Rental Equipment Summary Record to *document the use of the equipment*. Place the forms in each project folder immediately upon starting work. Operator costs associated with the use of equipment should be reported separately as part of the labor costs on the Force Account Labor Record unless the rental charge included the operator.

If the equipment is rented, the rental invoices must show:

1. the type of equipment,
2. date and hours used,
3. rate per hour (with or without operator),
4. total cost,
5. vendor name,
6. invoice number,
7. amount paid,
8. and check number.

This information is recorded on the Rented Equipment Summary Record. Include a copy of invoice(s) and proof of payment(s) with submission. Repair costs for rental equipment are not reimbursable.

Rates claimed for forced account equipment should correspond to those approved on FEMA's "Schedule of Equipment Rates". Preparing a list in advance of all available force account equipment showing the make, model and other specifications will facilitate the determination of the correct rate to charge. If a piece of equipment is used which is not listed on the rate schedule, FEMA will determine an applicable rate. However, having a record of the make, model number, and any other pertinent information will help in establishing the rate.

Materials and Supplies

A record of materials and supplies purchased or taken from stock must be kept for each project. Specifically, the documentation must show:

1. the name of the vendor,
2. description of the material,
3. quantity, unit price, total price,
4. date of purchase,
5. date used and whether purchased or taken from stock.

The Material Summary Record can be used to record this information.

Claims for materials taken from stock must be supported either by copies of the original purchase invoice or the invoice for replacement of the materials. Invoices for the materials must show:

1. the date paid,
2. the amount paid
3. and the check number

Also, should be placed in the appropriate project folder. Include copies of invoice(s) and proof of payment(s) with submission.

Contract Work

The folder for each project that involves contract work must contain:

1. a copy of the contract
2. all invoices for that project

Each invoice must include:

1. description of the work done,
2. date of the work,
3. name of the contractor,
4. an invoice number,
5. and amount billed

The Contract Work Summary Record is used to record this information.

The folder must also contain:

1. Subrecipients must comply with the federal procurement standards at 2 C.F.R sections 200.318 through 200.326 to ensure their procurements are eligible for federal grant funding.
2. Copy of the contract advertisement,
3. List of bidders,
4. Proof that the work was awarded to the low bid contractor. If the low bid is not accepted (there can be some acceptable reasons for not taking the low bid), it must be documented why the bid was not accepted and that information must be placed in the project folder. The contract may be awarded to the next lowest bidder who is able to meet the terms of the contract. If the contract is significantly more than the approved Project Worksheet amount, the Public Assistance Branch of IDHS should be notified. **CAUTION: FEMA will not reimburse costs for cost-plus-percentage-of-cost contracts or any contract where payment for work is contingent upon federal reimbursement.** Any work done by either type of contract will be ineligible and no federal funds will be paid for the work. Include copies of contracts, invoices and proof of payment with submission.

General Documentation Requirements

The dates used on all documentation must be within the allowable time period for each project. This period is from the date of the disaster to the completion date of the work as shown in the Project Application. It is important that the dates on our supporting documentation agree with the project dates and final inspection. In other words, if 50 percent of the work was completed (as shown on the Project Worksheet) when the Project Worksheet was written, 50 percent of the work and costs must be shown between the date of the disaster and the date the Project Worksheet was

prepared. The other 50 percent must be between the Project Worksheet date and the completion date shown on the final inspection report.

The approved Project Worksheet will show a total amount approved for each job. However, do not restrict the supporting documentation to these amounts. Overruns on large projects will be considered on a case-by-case basis for reasonable costs. Significant cost overruns on small projects will be considered in relation to the net overrun on all small projects. All overruns should be reported to the IDHS as soon as possible. This step is critical because early approval of overruns is necessary. If a large overrun is not approved, reimbursement will not cover the overrun.

FEMA will reimburse only for repairs included in scope of work on the Project Worksheet. If it is decided to change to an alternate project, FEMA approval is required. Immediately inform the IDHS of any proposed changes and justification for those changes. FEMA must approve of alternate and/or improved projects prior to engaging in the work due to National Environmental Protection Act compliance or other clearances/requirements.

Remember, reimbursement is tied to documentation. Good records must be kept!

FEMA CATEGORIES AND EXAMPLES OF COMMON ELIGIBLE WORK

A	B	C	D	E	F	G
Debris Removal	Emergency Protective Measures	Roads & Bridges	Water Control Facilities	Buildings & Equipment	Utilities	Parks, Recreation, & Other
<p>Debris removal must be in the public interest and necessary to:</p> <ul style="list-style-type: none"> • Eliminate immediate threats to lives, public health & safety; • Eliminate immediate threats of significant damage to improved public or private property • Trees and Woody Debris • Building Components • Sand, Mud, Silt, & Gravel • Removal of Temporary Levees 	<p>Search & Rescue Security Emergency Pumping Sandbagging Detour & Warning Signs EOC Activation Emergency & Temporary Repairs Overhead Power Lines Emergency Medical Facilities Emergency Evacuations Activities undertaken before, during and following a disaster to save lives, protect improved property</p>	<p>Roads</p> <ul style="list-style-type: none"> • Surfaces • Bases • Shoulders • Ditches • Drainage Structures • Low Water Crossings • Bridges • Decking & Pavement • Piers • Girders • Abutments • Slope Protection • Approaches • Slope Failures 	<p>Dams and Reservoirs Levees Engineered drainage Channels Canals Aqueducts Sediment Basins Shore Protective Devices Irrigation Facilities Pumping Facilities</p>	<p>Buildings Structural Components Interior Systems</p> <ul style="list-style-type: none"> • Electrical • Mechanical • Contents 	<p>Water Treatment Plants Power Generation & Distribution Facilities</p> <ul style="list-style-type: none"> • Natural Gas Systems • Wind Turbines • Generators • Substations • Power Lines 	<p>Playground Equipment Swimming Pools Bath Houses Tennis courts Boat Docks Piers Picnic Tables Golf Courses Fish Hatcheries Mass Transit Facilities</p>



Types and Categories of Work

Category of Work	Description
A	Debris Removal
B	Emergency Protective Measures
C	Roads and Bridges
D	Water Control Facilities
E	Buildings and Equipment
F	Utilities
G	Parks, Recreational, and Other

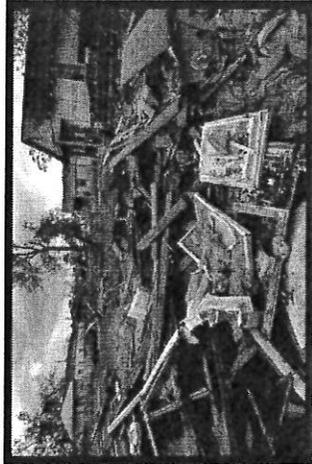
Temporary/Emergency Work: work performed to reduce or eliminate an immediate threat to life, protect health and safety, and to protect improved property that is threatened in a significant way as a result of the disaster.

Permanent Work: work required to restore a damaged facility, through repair or restoration, to its pre-disaster design, function, and capacity in accordance with applicable codes or standards.

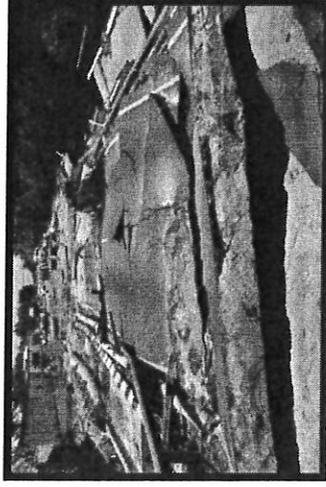
**GET A
PLAN!**
FLORIDA DIVISION OF
EMERGENCY MANAGEMENT

Eligibility: Work

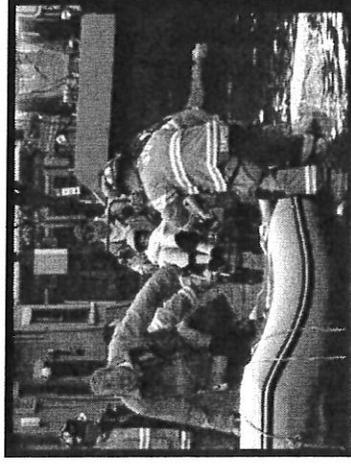
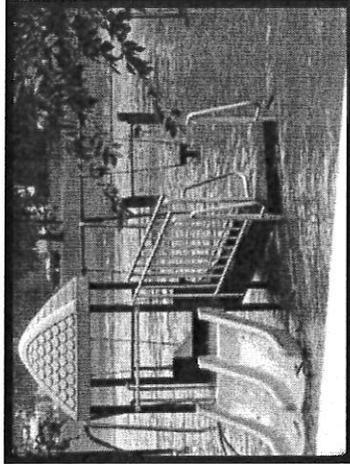
There are three types of work that are eligible, with different criteria for each:



- Debris Removal (Category A)



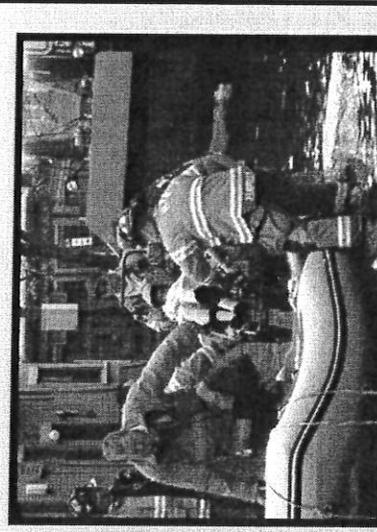
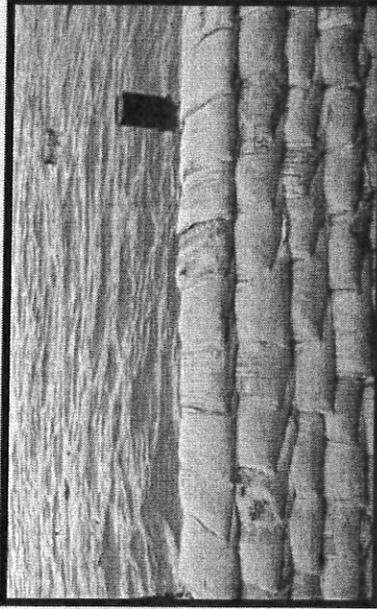
- Emergency Protective Measures (Category B)



- Permanent Restoration (Categories C-G)

**GET A
PLAN!**
FLORIDA DIVISION OF
EMERGENCY MANAGEMENT

Documentation: Categories of Work - B



Emergency Protective Measures

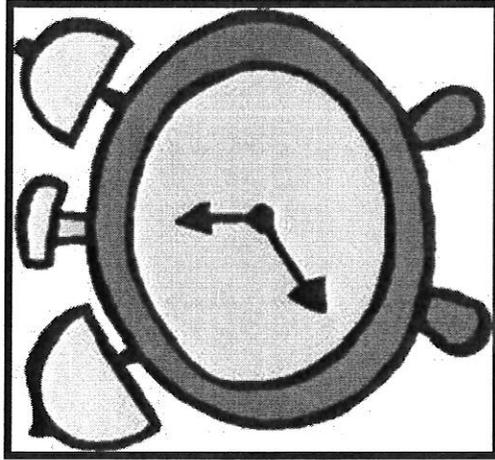
Activities undertaken by a community before, during, and after a disaster to eliminate or reduce an immediate threat to life, public health, or safety or eliminate an immediate threat of significant damage to improved public or private property may be eligible for reimbursement.

- Staff overtime costs
- Mutual aid claims
- Search and rescue operations
- Staffing of the EOC



Documentation: Categories of Work - B

When collecting data to submit to the State, the following will be important:

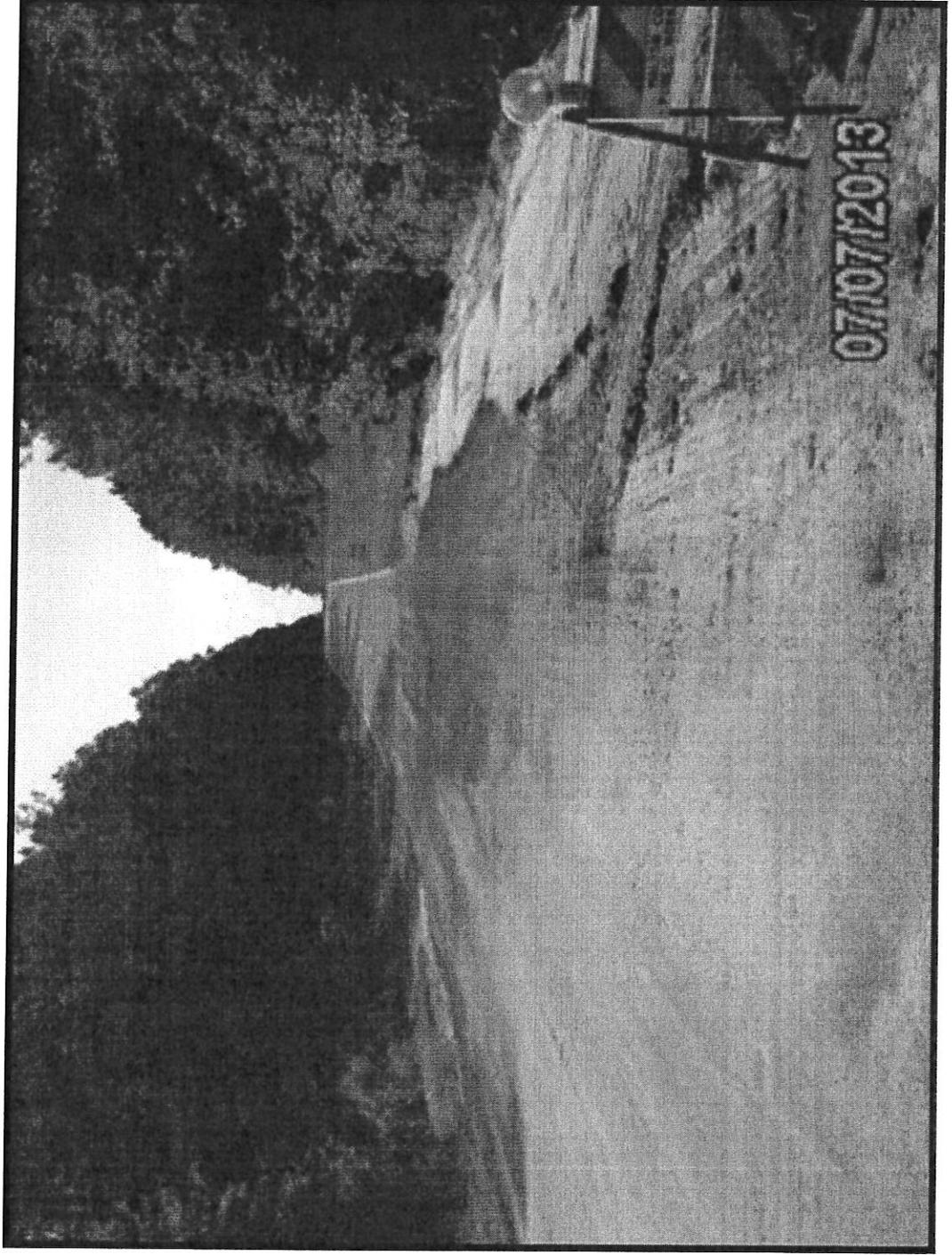


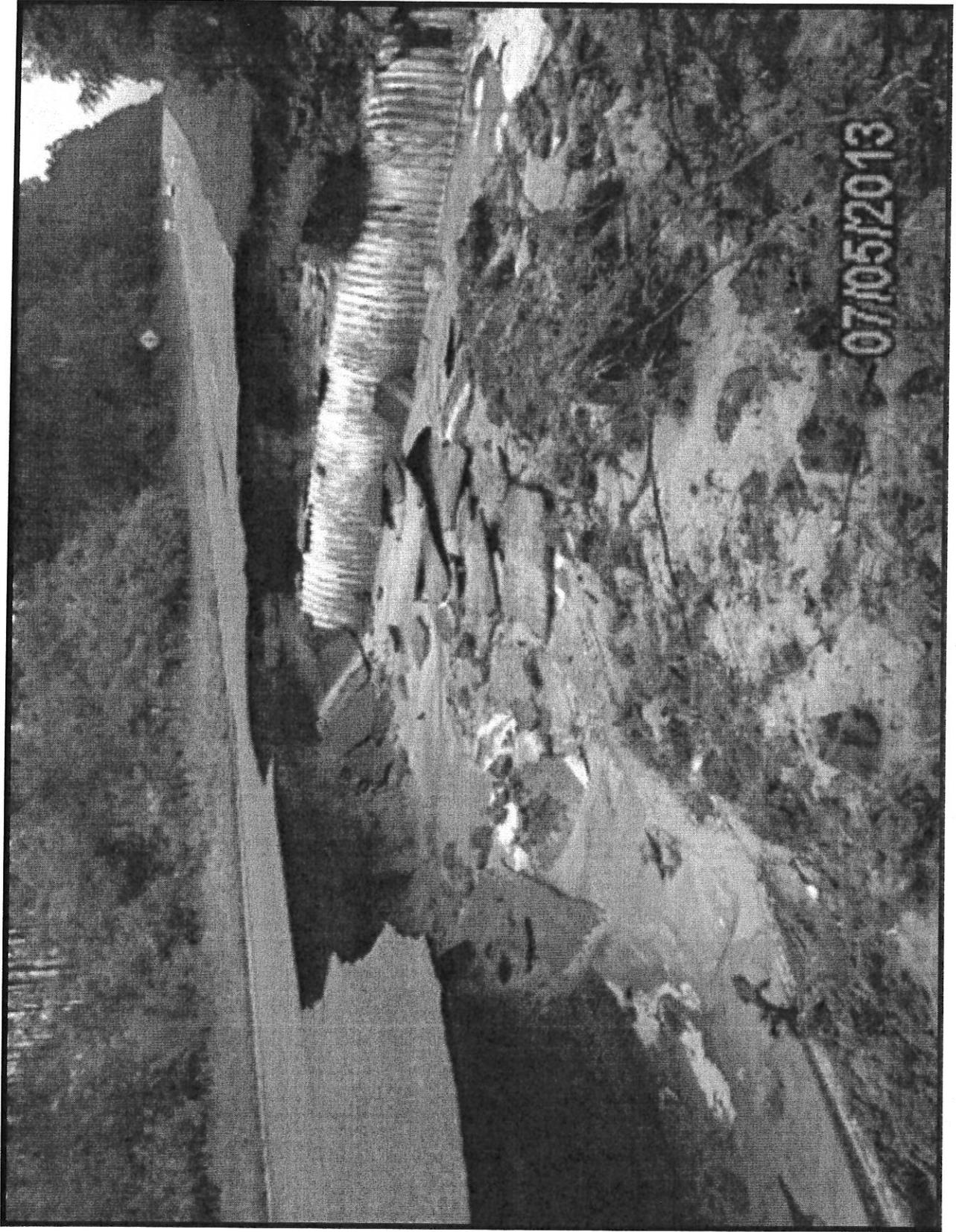
- Start/end dates for work: Record the time started on any work related to emergency protective measures and the time when the work ended.
- Be sure to differentiate between regular and overtime hours.
- Type of labor used: Were they force account labor or volunteer labor?

- Nature of the protective measures: What was the purpose of the work? Temporary construction of levees or sandbagging? Emergency evacuations of affected residents? Temporary repairs to eligible buildings and roofs?

Importance of Documentation

When documenting Emergency Protective Measures include making temporary repairs to a damaged facility/site, take a photo of the damage prior to making the repairs.





07/05/2013

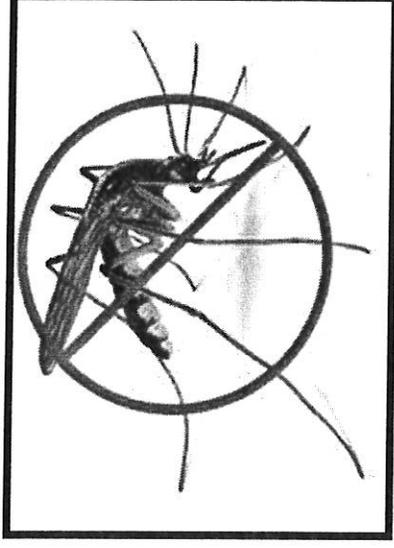
Documentation: Categories of Work - B

Vector Control measures may be eligible for assistance in a disaster area as an emergency protective measure when there is a serious health hazard.

- Although vector control costs may not be available during the Initial Damage Assessment, documentation of vector control activities conducted in the aftermath of a disaster will be necessary for FEMA to fund them in the event a declaration is received.
- Data that will need to be presented to the State and FEMA includes:
 - A documented increase in operating expenses
 - Evidence of an outbreak after an event
 - A documented increase in the disease carrying mosquito population



Documentation: Categories of Work - B



Vector control documentation continued:

- A significant increase in the biting mosquito population that causes a threat to emergency workers.
- A letter from the Department of Health as well as three years of trap or dip data.
- Spray or dip area maps detailing the zones affected by the disaster.
- Dates of application as well as documentation of the chemical used, the application method applied, and the concentration.
- Eligibility and documentation questions: Florida Greenbook

<http://www.dot.state.fl.us/rddesign/FloridaGreenbook/FloridaGreenbook.pdf>



City of Miami , Florida
Hurricane Irma Summary of Cost

Category	Department	Description	Actual or Estimate
A			\$5.00
D			\$10.00
C			\$6.00
D			\$8.00
E			\$3.00
F			\$1.00
G			\$4.00
Overall Total			\$37.00

* Under Column C please specify if the information you are provided is actual or estimated costs

Total Per Category	
Category	Total Estimate Cost
A	\$5.00
B	\$0.00
C	\$6.00
D	\$18.00
E	\$3.00
F	\$1.00
G	\$4.00
	\$37.00

PP	PAY PERIOD	PAY DATE	YEAR	HOLIDAYS
PP1	DEC 25 TO JAN 7	13-Jan	2017	12/25 CHRISTMAS DAY
PP2	JAN 8 TO JAN 21	27-Jan	2017	1/16 MARTIN L KING
PP3	JAN 22 TO FEB 4	10-Feb	2017	
PP4	FEB 5 TO FEB 18	24-Feb	2017	
PP5	FEB 19 TO MAR 4	10-Mar	2017	2/20 PRESIDENT'S DAY
PP6	MAR 5 TO MAR 18	24-Mar	2017	
PP7	MAR 19 TO APR 1	7-Apr	2017	
PP8	APR 2 TO APR 15	21-Apr	2017	
PP9	APR 16 TO APR 29	5-May	2017	
PP10	APR 30 TO MAY 13	19-May	2017	
PP11	MAY 14 TO MAY 27	2-Jun	2017	
PP12	MAY 28 TO JUN 10	16-Jun	2017	5/29 MEMORIAL DAY
PP13	JUN 11 TO JUN 24	30-Jun	2017	
PP14	JUN 25 TO JUL 8	14-Jul	2017	7/4 INDEPENDENCE DAY
PP15	JUL 9 TO JUL 22	28-Jul	2017	
PP16	JUL 23 TO AUG 5	11-Aug	2017	
PP17	AUG 6 TO AUG 19	25-Aug	2017	
PP18	AUG 20 TO SEP 2	8-Sep	2017	
PP19	SEP 3 TO SEP 16	22-Sep	2017	9/4 LABOR DAY
PP20	SEP 17 TO SEP 30	6-Oct	2017	
PP21	OCT 1 TO OCT 14	20-Oct	2017	COLOMBUS DAY
PP22	OCT 15 TO OCT 28	3-Nov	2017	
PP23	OCT 29 TO NOV 11	17-Nov	2017	11/10 VETERAN'S DAY
PP24	NOV 12 TO NOV 25	1-Dec	2017	11/23 THANKSGIVING DAY
PP25	NOV 26 TO DEC 9	15-Dec	2017	
PP26	DEC 10 TO DEC 23	29-Dec	2017	

FEMA's SCHEDULE OF EQUIPMENT RATES

**DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY**

RECOVERY DIRECTORATE
PUBLIC ASSISTANCE DIVISION
WASHINGTON, DC 20472

The rates on this Schedule of Equipment Rates are for applicant owned equipment in good mechanical condition, complete with all required attachments. Each rate covers all costs eligible under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121, et seq., for ownership and operation of equipment, including depreciation, overhead, all maintenance, field repairs, fuel, lubricants, tires, OSHA equipment and other costs incidental to operation. Standby equipment costs are not eligible.

Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. LABOR COSTS OF OPERATOR ARE NOT INCLUDED in the rates and should be approved separately from equipment costs.

Information regarding the use of the Schedule is contained in 44 CFR § 206.228 Allowable Costs. Rates for equipment not listed will be furnished by FEMA upon request. Any appeals shall be in accordance with 44 CFR § 206.206 Appeals.

THESE RATES ARE APPLICABLE TO MAJOR DISASTERS AND EMERGENCIES
DECLARED BY THE PRESIDENT ON OR AFTER SEPTMBER 1, 2017.

FEMA Code ID		Equipment Description					2017 Rate
Cost Code	Equipment	Specifications	Capacity or Size	HP	Notes	Unit	
8010	Air Compressor	Air Delivery	41 CFM	to 10	Hoses included.	hour	\$1.51
8011	Air Compressor	Air Delivery	103 CFM	to 30	Hoses included.	hour	\$8.84
8012	Air Compressor	Air Delivery	130 CFM	to 50	Hoses included.	hour	\$11.14
8013	Air Compressor	Air Delivery	175 CFM	to 90	Hoses included.	hour	\$18.39
8014	Air Compressor	Air Delivery	400 CFM	to 145	Hoses included.	hour	\$30.47
8015	Air Compressor	Air Delivery	575 CFM	to 230	Hoses included.	hour	\$48.71
8016	Air Compressor	Air Delivery	1100 CFM	to 355	Hoses included.	hour	\$92.88
8017	Air Compressor	Air Delivery	1600 CFM	to 500	Hoses included.	hour	\$96.96
8040	Ambulance			to 150		hour	\$28.00
8041	Ambulance			to 210		hour	\$40.50
8050	Board, Arrow			to 8	Trailer Mounted.	hour	\$4.43
8051	Board, Message			to 5	Trailer Mounted.	hour	\$11.61
8060	Auger, Portable	Hole Diameter	16 In	to 6		hour	\$2.14
8061	Auger, Portable	Hole Diameter	18 In	to 13		hour	\$4.30
8062	Auger, Tractor Mntd	Max. Auger Diameter	36 In	to 13	Includes digger, boom and mounting hardware.	hour	\$3.16
8063	Auger, Truck Mntd	Max. Auger Size	24 In	to 100	mounting hardware. Add this rate to tractor rate for total	hour	\$34.28
8064	Hydraulic Post Driver					hour	\$35.10
8065	Auger	Horizontal Directional Boring Machine	250 X 100	300	DD-140B YR-2003	hour	\$169.40
8066	Auger	Horizontal Directional Boring Machine	50 X 100			hour	\$31.95
8067	Auger, Directional Boring Machine	Auger, Directional Boring Machine				hour	\$36.97
8070	Automobile			to 130	Transporting people.	mile	\$0.535
8071	Automobile			to 130	Transporting cargo.	hour	\$12.32
8072	Automobile, Police			to 250	Patrolling.	mile	\$0.535
8073	Automobile, Police			to 250	Stationary with engine running.	hour	\$15.69
8075	Motorcycle, Police					mile	\$0.505
8076	Automobile - Chevy Trailblazer	6 or 8 cl		285 to 300		hour	\$22.00
8077	Automobile - Ford Expedition	Fire Command Center				hour	\$19.00
8080	All Terrain Vehicle (ATV)	Engine 110cc, 4-Wheel; 20" tyre		6.5-7.5		hour	\$8.20
8081	All Terrain Vehicle (ATV)	Engine 125cc, 4-Wheel; 21" tyre		7.6-8.6		hour	\$8.50
8082	All Terrain Vehicle (ATV)	Engine 150cc, 4-Wheel; 22" tyre		9.0-10.0		hour	\$8.51
8083	All Terrain Vehicle (ATV)	Engine 200cc, 4-Wheel; 24" tyre		12-14.0		hour	\$9.00
8084	All Terrain Vehicle (ATV)	Engine 250cc, 4-Wheel; 24" tyre		15-17		hour	\$9.40

8085	All Terrain Vehicle (ATV)	Engine 300cc, 4-Wheel; 24" tyre		18-20		hour	\$10.20
8086	All Terrain Vehicle (ATV)	Engine 400cc, 4-Wheel; 25" tyre		26-28		hour	\$11.64
8087	All Terrain Vehicle (ATV)	Engine 450cc, 4-Wheel; 25" tyre		26-28		hour	\$12.40
8088	All Terrain Vehicle (ATV)	Engine 650cc, 4-Wheel; 25" tyre		38-40		hour	\$13.20
8089	All Terrain Vehicle (ATV)	Engine 750cc, 4-Wheel; 25" tyre		44-46		hour	\$14.00
8110	Barge, Deck	Size	50'x35'x7.25'			hour	\$49.10
8111	Barge, Deck	Size	50'x35'x9'			hour	\$58.70
8112	Barge, Deck	Size	120'x45'x10'			hour	\$109.50
8113	Barge, Deck	Size	160'x45'x11"			hour	\$133.75
8120	Boat, Tow	Size	55'x20'x5'	to 870	Steel.	hour	\$317.54
8121	Boat, Tow	Size	60'x21'x5'	to 1050	Steel.	hour	\$358.65
8122	Boat, Tow	Size	70'x30'x7.5'	to 1350	Steel.	hour	\$569.00
8123	Boat, Tow	Size	120'x34'x8'	to 2000	Steel.	hour	\$1,094.24
8124	Airboat	815AGIS Airboat w/spray unit	15'x8'	400		hour	\$31.00
8125	Airboat	815AGIS Airboat w/spray unit	15'x8'	425		hour	\$31.95
8126	Swamp Buggy	Conquest		360		hour	\$39.25
8129	Compactor -2-Ton Pavement Roller	2 ton				hour	\$28.25
8130	Boat, Row				Heavy duty.	hour	\$1.44
8131	Boat, Runabout	Size	13'x5'	to 50	Outboard.	hour	\$12.00
8132	Boat, Tender	Size	14'x7'	to 100	Inboard with 360 degree drive.	hour	\$16.50
8133	Boat, Push	Size	45'x21'x6'	to 435	Flat hull.	hour	\$217.20
8134	Boat, Push	Size	54'x21'x6'	to 525	Flat hull.	hour	\$267.35
8135	Boat, Push	Size	58'x24'x7.5'	to 705	Flat hull.	hour	\$325.35
8136	Boat, Push	Size	64'x25'x8'	to 870	Flat hull.	hour	\$358.50
8140	Boat, Tug	Length	16 Ft	to 100		hour	\$42.60
8141	Boat, Tug	Length	18 Ft	to 175		hour	\$62.55
8142	Boat, Tug	Length	26 Ft	to 250		hour	\$78.95
8143	Boat, Tug	Length	40 Ft	to 380		hour	\$196.50
8144	Boat, Tug	Length	51 Ft	to 700		hour	\$271.85
8147	Boat, Inflatable Rescue Raft	Zodiac				hour	\$1.10
8148	Boat, Runabout	1544 lbs	11 passenger capacity	190-250		hour	\$62.55
8149	Boat, removable engine	2000 Johnson Outboard Motor w 15" shaft		15		hour	\$1.50
8150	Broom, Pavement	Broom Length	72 In	to 35		hour	\$24.50
8151	Broom, Pavement	Broom Length	96 In	to 100		hour	\$27.60
8153	Broom, Pavement, Mntd	Broom Length	72 In	to 18	Add Prime Mover cost for total rate	hour	\$6.20
8154	Broom, Pavement, Pull	Broom Length	84 In	to 20	Add Prime Mover cost for total rate	hour	\$20.77
8157	Sweeper, Pavement			to 110		hour	\$76.70
8158	Sweeper, Pavement			to 230		hour	\$96.80
8180	Bus			to 150		hour	\$20.95
8181	Bus			to 210		hour	\$25.45
8182	Bus			to 300		hour	\$38.35
8183	Blower	Gasoline powered Toro Pro Force		27		hour	\$15.37
8184	Back-Pack Blower			to 4.4		hour	\$1.50
8185	Walk-Behind Blower			13		hour	\$6.50
8187	Chainsaw	20" Bar, 3.0 cu in				hour	\$1.40
8188	Chainsaw	20" Bar 5.0 cu in				hour	\$2.45
8189	Chainsaw	20" Bar 6.0 cu in				hour	\$2.65
8190	Chain Saw	Bar Length	16 In			hour	\$1.70
8191	Chain Saw	Bar Length	25 In			hour	\$3.45
8192	Chain Saw, Pole	Bar Size	18 In			hour	\$1.25
8193	Skidder	model 748 E		to 173		hour	\$52.70
8194	Skidder	model 648 G11		to 177		hour	\$104.30
8195	Cutter, Brush	Cutter Size	8 ft	to 150		hour	\$115.35
8196	Cutter, Brush	Cutter Size	8 ft	to 190		hour	\$129.35
8197	Cutter, Brush	Cutter Size	10 ft	to 245		hour	\$136.30

8198	Bruncher Cutter	Cutter, Brush - 247 hp, 1997 Model 511 Feller		to 247		hour	\$187.75
8199	Log Trailer	40 ft				hour	\$9.90
8200	Chipper, Brush	Chipping Capacity	6 In	to 35	Trailer Mounted.	hour	\$8.60
8201	Chipper, Brush	Chipping Capacity	9 In	to 65	Trailer Mounted.	hour	\$16.86
8202	Chipper, Brush	Chipping Capacity	12 In	to 100	Trailer Mounted.	hour	\$24.31
8203	Chipper, Brush	Chipping Capacity	15 In	to 125	Trailer Mounted.	hour	\$35.00
8204	Chipper, Brush	Chipping Capacity	18 In	to 200	Trailer Mounted.	hour	\$50.10
8208	Loader - Tractor - Knuckleboom	model Barko 595 ML		to 173		hour	\$161.89
8209	Loader - Wheel	model 210 w/ Buck Saw 50 inch Bar		to 240		hour	\$97.00
8210	Clamshell & Dragline, Crawler		149,999 lbs	to 235	Bucket not included in rate.	hour	\$127.40
8211	Clamshell & Dragline, Crawler		250,000 lbs	to 520	Bucket not included in rate.	hour	\$166.20
8212	Clamshell & Dragline, Truck			to 240	Bucket not included in rate.	hour	\$145.00
8220	Compactor			to 10		hour	\$15.10
8221	Compactor, towed, Vibratory Drum			to 45		hour	\$31.70
8222	Compactor, Vibratory, Drum			to 75		hour	\$22.30
8223	Compactor, pneumatic, wheel			to 100		hour	\$26.00
8225	Compactor, Sanitation			to 300		hour	\$92.75
8226	Compactor, Sanitation			to 400		hour	\$152.30
8227	Compactor, Sanitation			535		hour	\$249.75
8228	Compactor, towed, Pneumatic, Wheel		10000 lbs		Include prime mover rate	hour	\$17.00
8229	Compactor, towed, Drum Static		20000 lbs		Include prime mover rate	hour	\$15.80
8240	Feeder, Grizzly			to 35		hour	\$22.20
8241	Feeder, Grizzly			to 55		hour	\$32.45
8242	Feeder, Grizzly			to 75		hour	\$64.25
8250	Dozer, Crawler			to 75		hour	\$51.30
8251	Dozer, Crawler			to 105		hour	\$38.30
8252	Dozer, Crawler			to 160		hour	\$93.74
8253	Dozer, Crawler			to 250		hour	\$149.75
8254	Dozer, Crawler			to 360		hour	\$201.10
8255	Dozer, Crawler			to 565		hour	\$311.80
8256	Dozer, Crawler			to 850		hour	\$294.10
8260	Dozer, Wheel			to 300		hour	\$61.00
8261	Dozer, Wheel			to 400		hour	\$94.10
8262	Dozer, Wheel			to 500		hour	\$178.65
8263	Dozer, Wheel			to 625		hour	\$239.60
8269	Box Scraper	3 hitch attach for tractor; 2007 Befco				hour	\$3.50
8270	Bucket, Clamshell	Capacity	1.0 CY		Includes teeth. Does not include Clamshell & Dragline	hour	\$4.62
8271	Bucket, Clamshell	Capacity	2.5 CY		Includes teeth. Does not include Clamshell & Dragline	hour	\$8.73
8272	Bucket, Clamshell	Capacity	5.0 CY		Includes teeth. Does not include Clamshell & Dragline	hour	\$13.10
8273	Bucket, Clamshell	Capacity	7.5 CY		Includes teeth. Does not include Clamshell & Dragline	hour	\$22.40
8275	Bucket, Dragline	Capacity	2.0 CY		Does not include Clamshell & Dragline	hour	\$3.96
8276	Bucket, Dragline	Capacity	5.0 CY		Does not include Clamshell & Dragline	hour	\$9.90
8277	Bucket, Dragline	Capacity	10 CY		Does not include Clamshell & Dragline	hour	\$14.10
8278	Bucket, Dragline	Capacity	14 CY		Does not include Clamshell & Dragline	hour	\$18.65
8280	Excavator, Hydraulic	Bucket Capacity	0.5 CY	to 45	Crawler, Truck & Wheel. Includes bucket.	hour	\$18.00
8281	Excavator, Hydraulic	Bucket Capacity	1.0 CY	to 90	Crawler, Truck & Wheel. Includes bucket.	hour	\$34.20
8282	Excavator, Hydraulic	Bucket Capacity	1.5 CY	to 160	Crawler, Truck & Wheel. Includes bucket.	hour	\$52.70
8283	Excavator, Hydraulic	Bucket Capacity	2.5 CY	to 265	Crawler, Truck & Wheel. Includes bucket.	hour	\$153.00

8284	Excavator, Hydraulic	Bucket Capacity	4.5 CY	to 420	Crawler, Truck & Wheel. Includes bucket.	hour	\$264.50
8285	Excavator, Hydraulic	Bucket Capacity	7.5 CY	to 650	Crawler, Truck & Wheel. Includes bucket.	hour	\$223.70
8286	Excavator, Hydraulic	Bucket Capacity	12 CY	to 1000	Crawler, Truck & Wheel. Includes bucket.	hour	\$455.00
8287	Excavator	2007 model Gradall XL3100 III		184		hour	\$105.46
8288	Excavator	2003 model Gradall XL4100 III		238		hour	\$113.20
8289	Excavator	2006 model Gradall XL5100		230		hour	\$88.80
8290	Trowel, Concrete	Diameter	48 In	to 12		hour	\$4.80
8300	Fork Lift	Capacity	6000 Lbs	to 60		hour	\$13.00
8301	Fork Lift	Capacity	12000 Lbs	to 90		hour	\$18.50
8302	Fork Lift	Capacity	18000 Lbs	to 140		hour	\$24.00
8303	Fork Lift	Capacity	50000 Lbs	to 215		hour	\$51.40
8306	Fork Lift Material handler	Diesel, CAT TH360B	6600-11500 gwwr lbs	99.9		hour	\$27.90
8307	Fork Lift Material handler	Diesel, CAT TH460B		99.9		hour	\$30.15
8308	Fork Lift Material handler	Diesel, CAT TH560B		99.9		hour	\$35.80
8309	Fork Lift Accessory	2003 ACS Paddle Fork				hour	\$3.46
8310	Generator	Prime Output	5.5 KW	to 10		hour	\$3.35
8311	Generator	Prime Output	16 KW	to 25		hour	\$7.45
8312	Generator	Prime Output	43 KW	to 65		hour	\$15.00
8313	Generator	Prime Output	100 KW	to 125		hour	\$34.95
8314	Generator	Prime Output	150 KW	to 240		hour	\$50.00
8315	Generator	Prime Output	210 KW	to 300		hour	\$62.45
8316	Generator	Prime Output	280 KW	to 400		hour	\$80.40
8317	Generator	Prime Output	350 KW	to 500		hour	\$90.50
8318	Generator	Prime Output	530 KW	to 750		hour	\$153.30
8319	Generator	Prime Output	710 KW	to 1000		hour	\$222.00
8320	Generator	Prime Output	1100 KW	to 1500	Open	hour	\$349.00
8321	Generator	Prime Output	2500 KW	to 3000		hour	\$533.75
8322	Generator	Prime Output	1,000 KW	to 1645	Enclosed	hour	\$403.30
8323	Generator	Prime Output	1,500 KW	to 2500	Enclosed	hour	\$511.22
8324	Generator	Prime Output	1100KW	2500	Enclosed	hour	\$495.80
8325	Generator	Prime Output	40KW	60		hour	\$14.80
8326	Generator	Prime Output	20KW	40		hour	\$13.32
8330	Graders	Moldboard Size	10 Ft	to 110	Includes Rigid and Articulate equipment.	hour	\$43.30
8331	Graders	Moldboard Size	12 Ft	to 150	Includes Rigid and Articulate equipment.	hour	\$46.50
8332	Graders	Moldboard Size	14 Ft	to 225	Includes Rigid and Articulate equipment.	hour	\$67.50
8350	Hose, Discharge	Diameter	3 In		Per 25 foot length. Includes couplings.	hour	\$0.15
8351	Hose, Discharge	Diameter	4 In		Per 25 foot length. Includes couplings.	hour	\$0.24
8352	Hose, Discharge	Diameter	6 In		Per 25 foot length. Includes couplings.	hour	\$0.60
8353	Hose, Discharge	Diameter	8 In		Per 25 foot length. Includes couplings.	hour	\$0.60
8354	Hose, Discharge	Diameter	12 In		Per 25 foot length. Includes couplings.	hour	\$0.90
8355	Hose, Discharge	Diameter	16 In		Per 25 foot length. Includes couplings.	hour	\$1.70
8356	Hose, Suction	Diameter	3 In		Per 25 foot length. Includes couplings.	hour	\$0.30
8357	Hose, Suction	Diameter	4 In		Per 25 foot length. Includes couplings.	hour	\$0.35
8358	Hose, Suction	Diameter	6 In		Per 25 foot length. Includes couplings.	hour	\$1.15
8359	Hose, Suction	Diameter	8 In		Per 25 foot length. Includes couplings.	hour	\$1.10
8360	Hose, Suction	Diameter	12 In		Per 25 foot length. Includes couplings.	hour	\$1.70
8361	Hose, Suction	Diameter	16 In		Per 25 foot length. Includes couplings.	hour	\$3.15
8380	Loader, Crawler	Bucket Capacity	0.5 CY	to 32	Includes bucket.	hour	\$14.66

8381	Loader, Crawler	Bucket Capacity	1 CY	to 60	Includes bucket.	hour	\$34.30
8382	Loader, Crawler	Bucket Capacity	2 CY	to 118	Includes bucket.	hour	\$68.10
8383	Loader, Crawler	Bucket Capacity	3 CY	to 178	Includes bucket.	hour	\$101.30
8384	Loader, Crawler	Bucket Capacity	4 CY	to 238	Includes bucket.	hour	\$120.00
8390	Loader, Wheel	Bucket Capacity	0.5 CY	to 38		hour	\$20.10
8391	Loader, Wheel	Bucket Capacity	1 CY	to 60		hour	\$36.90
8392	Loader, Wheel	Bucket Capacity	2 CY	to 105	CAT-926	hour	\$35.50
8393	Loader, Wheel	Bucket Capacity	3 CY	to 152		hour	\$43.85
8394	Loader, Wheel	Bucket Capacity	4 CY	to 200		hour	\$59.30
8395	Loader, Wheel	Bucket Capacity	5 CY	to 250		hour	\$64.00
8396	Loader, Wheel	Bucket Capacity	6 CY	to 305		hour	\$104.00
8397	Loader, Wheel	Bucket Capacity	7 CY	to 360		hour	\$124.50
8398	Loader, Wheel	Bucket Capacity	8 CY	to 530		hour	\$171.40
8401	Loader, Tractor, Wheel	Bucket Capacity	0.87 CY	to 80	Case 580 Super L	hour	\$33.73
8410	Mixer, Concrete Portable	Batching Capacity	10 Cft			hour	\$3.05
8411	Mixer, Concrete Portable	Batching Capacity	12 Cft	11		hour	\$4.00
8412	Mixer, Concrete, Trailer Mntd	Batching Capacity	11 Cft	to 10		hour	\$12.70
8413	Mixer, Concrete, Trailer Mntd	Batching Capacity	16 Cft	to 25		hour	\$19.60
8419	Breaker, Pavement Hand-Held	Weight	25-90 Lbs			hour	\$1.10
8420	Breaker, Pavement			to 70		hour	\$57.45
8423	Spreader, Chip	Spread Hopper Width	12.5 Ft	to 152		hour	\$85.85
8424	Spreader, Chip	Spread Hopper Width	16.5 Ft	to 215		hour	\$116.60
8425	Spreader, Chip, Mntd	Hopper Size	8 Ft	to 8	Trailer & truck mounted.	hour	\$4.60
8430	Paver, Asphalt, Towed				Does not include Prime Mover.	hour	\$12.40
8431	Paver, Asphalt			to 50	Includes wheel and crawler equipment.	hour	\$73.76
8432	Paver, Asphalt			to 125	Includes wheel and crawler equipment.	hour	\$95.10
8433	Paver, Asphalt			to 175	Includes wheel and crawler equipment.	hour	\$126.80
8434	Paver, Asphalt		35,000Lbs & Over	to 250	Includes wheel and crawler equipment.	hour	\$209.65
8436	Pick-up, Asphalt			to 110		hour	\$96.85
8437	Pick-up, Asphalt			to 150		hour	\$135.00
8438	Pick-up, Asphalt			to 200		hour	\$93.50
8439	Pick-up, Asphalt			to 275		hour	\$204.00
8440	Striper	Paint Capacity	40 Gal	to 22		hour	\$16.20
8441	Striper	Paint Capacity	90 Gal	to 60		hour	\$22.90
8442	Striper	Paint Capacity	120 Gal	to 122		hour	\$42.60
8445	Striper, Truck Mntd	Paint Capacity	120 Gal	to 460		hour	\$78.60
8446	Striper, Walk-behind	Paint Capacity	12 Gal			hour	\$4.00
8447	Paver accessory -Belt Extension	2002 Leeboy Conveyor Belt Extension			crawler	hour	\$32.50
8450	Plow, Snow, Grader Mntd	Width	to 10 Ft		Include Grader for total cost	hour	\$28.00
8451	Plow, Snow, Grader Mntd	Width	to 14 Ft		Include Grader for total cost	hour	\$32.90
8452	Plow, Truck Mntd	Width	to 15 Ft		Include truck for total cost	hour	\$24.35
8453	Plow, Truck Mntd	Width	to 15 Ft		With leveling wing. Include truck for total cost	hour	\$40.80
8455	Spreader, Sand	Mounting	Tailgate, Chassis			hour	\$7.35
8456	Spreader, Sand	Mounting	Dump Body			hour	\$10.45
8457	Spreader, Sand	Mounting	Truck (10yd)			hour	\$13.15
8458	Spreader, Chemical	Capacity	5 CY	to 4	Trailer & truck mounted.	hour	\$6.00
8469	Pump - Trash Pump	10 MTC	2" Pump	to 7	10,000 gph	hour	\$7.25
8470	Pump	Centrifugal, 8M pump	2" - 10,000 gal/hr.	to 4.5	Hoses not included.	hour	\$6.10
8471	Pump	Diaphragm pump	2" - 3,000 gal/hr.	to 6	Hoses not included.	hour	\$6.75
8472	Pump	Centrifugal, 18M pump	3" - 18,000 gal/hr. pump	to 10	Hoses not included.	hour	\$7.99
8473	Pump			to 15	Hoses not included.	hour	\$10.30
8474	Pump			to 25	Hoses not included.	hour	\$13.60
8475	Pump			to 40	Hoses not included.	hour	\$16.65
8476	Pump	4" - 40,000 gal/hr.	4" - 40,000 gal/hr.	to 60	Hoses not included.	hour	\$27.10

8477	Pump			to 95	Hoses not included.	hour	\$32.00
8478	Pump			to 140	Hoses not included.	hour	\$41.50
8479	Pump			to 200	Hoses not included.	hour	\$49.90
8480	Pump			to 275	Does not include Hoses.	hour	\$66.85
8481	Pump			to 350	Does not include Hoses.	hour	\$82.00
8482	Pump			to 425	Does not include Hoses.	hour	\$96.60
8483	Pump			to 500	Does not include Hoses.	hour	\$114.00
8484	Pump			to 575	Does not include Hoses.	hour	\$133.30
8485	Pump			to 650	Does not include Hoses.	hour	\$154.70
8486	Aerial Lift, Truck Mntd	Max. Platform Height	40 Ft		Add this rate to truck rate for total lift and truck rate	hour	\$11.38
8487	Aerial Lift, Truck Mntd	Max. Platform Height	61 Ft		Add this rate to truck rate for total lift and truck rate	hour	\$20.54
8488	Aerial Lift, Truck Mntd	Max. Platform Height	80 Ft		Add this rate to truck rate for total lift and truck rate	hour	\$39.00
8489	Aerial Lift, Truck Mntd	Max. Platform Load - 600Lbs	81 Ft -100 Ft. Ht.		Add this rate to truck rate for total lift and truck rate	hour	\$39.50
8490	Aerial Lift, Self-Propelled	Max. Platform Height	37 Ft. Ht.	to 15	Articulated, Telescoping, Scissor.	hour	\$8.95
8491	Aerial Lift, Self-Propelled	Max. Platform Height	60 Ft. Ht.	to 30	Articulated, Telescoping, Scissor.	hour	\$16.10
8492	Aerial Lift, Self-Propelled	Max. Platform Height	70 Ft. Ht.	to 50	Articulated, Telescoping, Scissor.	hour	\$29.26
8493	Aerial Lift, Self-Propelled	Max. Platform Height	125 Ft. Ht.	to 85	Articulated and Telescoping.	hour	\$55.65
8494	Aerial Lift, Self-Propelled	Max. Platform Height	150 Ft. Ht.	to 130	Articulated and Telescoping.	hour	\$70.15
8495	I.C. Aerial Lift, Self-Propelled	Max. Platform Load - 500 Lbs	75"x155", 40Ft Ht.	to 80	2000 Lbs Capacity	hour	\$28.95
8496	Crane, Truck Mntd	Max. Lift Capacity	24000 Lbs		Include truck rate for total cost	hour	\$14.90
8497	Crane, Truck Mntd	Max. Lift Capacity	36000 Lbs		Include truck rate for total cost	hour	\$22.40
8498	Crane, Truck Mntd	Max. Lift Capacity	60000 Lbs		Include truck rate for total cost	hour	\$36.50
8499	Pump - Trash-Pump	CPB Rating - 10MTC	10000 gal/Hr	7	Self- Priming Trash Pump	hour	\$7.55
8500	Crane	Max. Lift Capacity	8 MT	to 80		hour	\$38.70
8501	Crane	Max. Lift Capacity	15 MT	to 150		hour	\$66.90
8502	Crane	Max. Lift Capacity	50 MT	to 200		hour	\$90.00
8503	Crane	Max. Lift Capacity	70 MT	to 300		hour	\$178.60
8504	Crane	Max. Lift Capacity	110 MT	to 350		hour	\$243.20
8510	Saw, Concrete	Blade Diameter	14 In	to 14		hour	\$7.20
8511	Saw, Concrete	Blade Diameter	26 In	to 35		hour	\$12.00
8512	Saw, Concrete	Blade Diameter	48 In	to 65		hour	\$25.10
8513	Saw, Rock			to 100		hour	\$33.50
8514	Saw, Rock			to 200		hour	\$63.00
8517	Jackhammer (Dry)	Weight Class	25-45 Lbs			hour	\$1.66
8518	Jackhammer (Wet)	Weight Class	30-55 Lbs			hour	\$1.84
8521	Scraper	Scraper Capacity	16 CY	to 250		hour	\$107.15
8522	Scraper	Scraper Capacity	23 CY	to 365		hour	\$155.50
8523	Scraper	Scraper Capacity	34 CY	to 475		hour	\$270.00
8524	Scraper	Scraper Capacity	44 CY	to 600		hour	\$265.70
8540	Loader, Skid-Steer	Operating Capacity	1000 Lbs	to 35		hour	\$14.15
8541	Loader, Skid-Steer	Operating Capacity	2000 Lbs	to 65		hour	\$37.00
8542	Loader, Skid-Steer	Operating Capacity	3000 Lbs	to 85		hour	\$36.05
8550	Snow Blower, Truck Mntd	Capacity	600 Tph	to 75	Does not include truck	hour	\$34.60
8551	Snow Blower, Truck Mntd	Capacity	1400 Tph	to 200	Does not include truck	hour	\$94.00
8552	Snow Blower, Truck Mntd	Capacity	2000 Tph	to 340	Does not include truck	hour	\$142.50
8553	Snow Blower, Truck Mntd	Capacity	2500 Tph	to 400	Does not include truck	hour	\$154.80
8558	Snow Thrower, Walk Behind	Cutting Width	25 in	to 5		hour	\$2.80
8559	Snow Thrower, Walk Behind	Cutting Width	60 in	to 15		hour	\$14.10
8560	Snow Blower	Capacity	2,000 Tph	to 400		hour	\$234.00
8561	Snow Blower	Capacity	2,500 Tph	to 500		hour	\$255.00
8562	Snow Blower	Capacity	3,500 Tph	to 600		hour	\$284.00

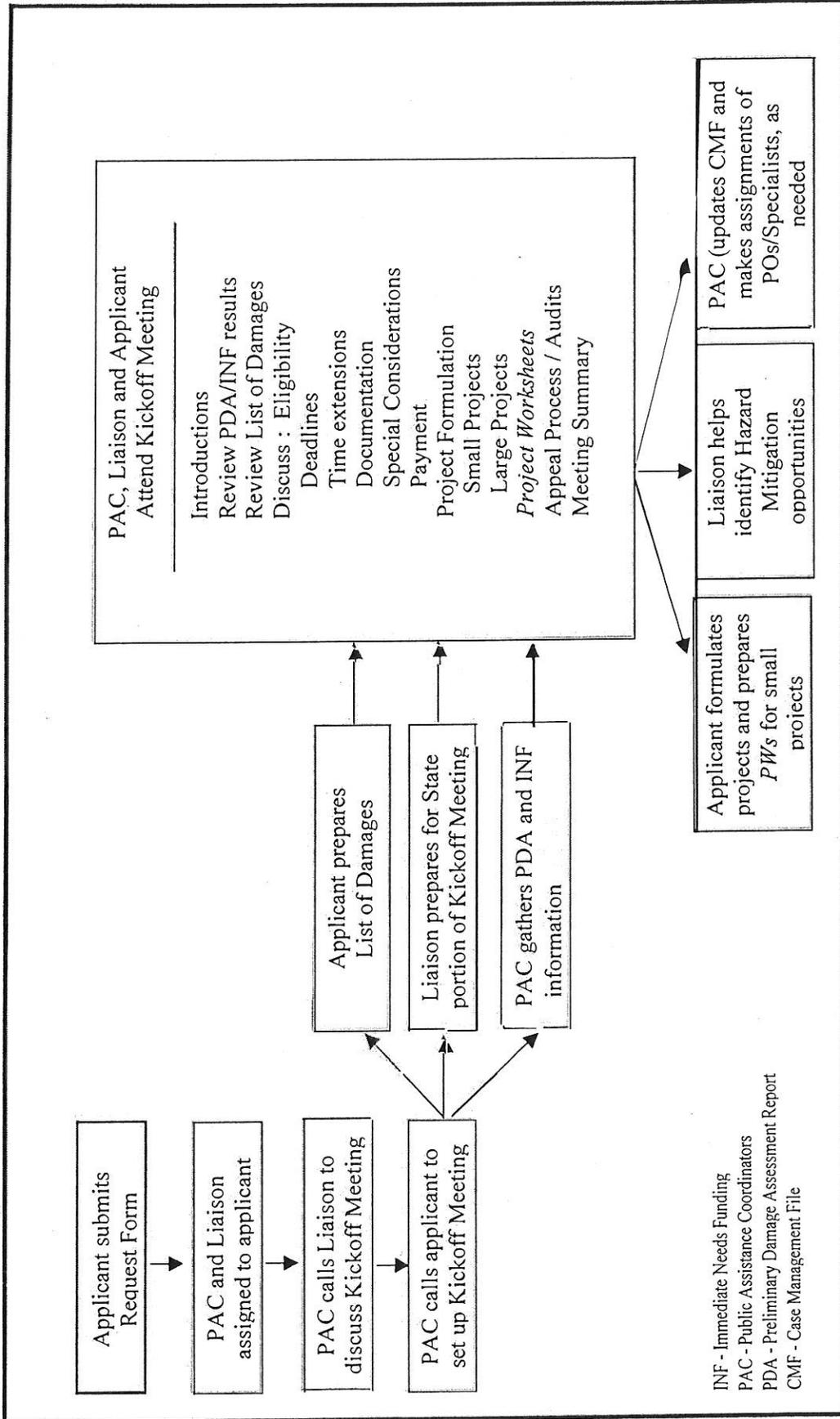
8569	Dust Control De-Ice Unit	1300-2000 gal	173"Lx98"Wx51"H	5.5	Hydro Pump w/100' 1/2" hose	hour	\$3.45
8570	Loader-Backhoe, Wheel	Loader Bucket Capacity	0.5 CY	to 40	Loader and Backhoe Buckets included.	hour	\$22.15
8571	Loader-Backhoe, Wheel	Loader Bucket Capacity	1 CY	to 70	Loader and Backhoe Buckets included.	hour	\$29.50
8572	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.5 CY	to 95	Loader and Backhoe Buckets included.	hour	\$38.60
8573	Loader-Backhoe, Wheel	Loader Bucket Capacity	1.75 CY	to 115	Loader and Backhoe Buckets included.	hour	\$47.77
8580	Distributor, Asphalt	Tank Capacity	500 Gal		burners, insulated tank, and circulating spray bar.	hour	\$14.76
8581	Distributor, Asphalt	Tank Capacity	1000 Gal		burners, insulated tank, and circulating spray bar. Include	hour	\$21.30
8582	Distributor, Asphalt	Tank Capacity	4000 Gal		burners, insulated tank, and circulating spray bar. Include	hour	\$30.15
8583	Distributor	ETNYRE Oil Distributor Model - PB348		300		hour	\$41.60
8584	Distributor	ETNYRE Quad Chip Spreader		280		hour	\$83.20
8590	Trailer, Dump	Capacity	20 CY		Does not include Prime Mover.	hour	\$11.36
8591	Trailer, Dump	Capacity	30 CY		Does not include Prime Mover.	hour	\$13.10
8600	Trailer, Equipment	Capacity	30 Tons			hour	\$14.15
8601	Trailer, Equipment	Capacity	40 Tons			hour	\$15.50
8602	Trailer, Equipment	Capacity	60 Tons			hour	\$18.85
8603	Trailer, Equipment	Capacity	120 Tons			hour	\$28.35
8610	Trailer, Water	Tank Capacity	4000 Gal		with sump and a rear spraybar.	hour	\$13.50
8611	Trailer, Water	Tank Capacity	6000 Gal		with sump and a rear spraybar.	hour	\$16.55
8612	Trailer, Water	Tank Capacity	10000 Gal		with sump and a rear spraybar.	hour	\$19.20
8613	Trailer, Water	Tank Capacity	14000 Gal		with sump and a rear spraybar.	hour	\$23.77
8614	Truck- Water Tanker	1000 gal. tank		175		hour	\$33.35
8620	Tub Grinder			to 440		hour	\$95.35
8621	Tub Grinder			to 630		hour	\$143.65
8622	Tub Grinder			to 760		hour	\$183.60
8623	Tub Grinder			to 1000		hour	\$322.00
8627	Horizontal Grinder	Model HG6000		630		hour	\$57.36
8628	Stump Grinder	1988 Vermeer SC-112		102		hour	\$47.00
8629	Stump Grinder	24" grinding wheel		110		hour	\$45.00
8630	Sprayer, Seed	Working Capacity	750 Gal	to 30	Does not include Prime Mover.	hour	\$14.00
8631	Sprayer, Seed	Working Capacity	1250 Gal	to 50	Trailer & truck mounted. Does not include Prime Mover.	hour	\$19.80
8632	Sprayer, Seed	Working Capacity	3500 Gal	to 115	Does not include Prime Mover.	hour	\$29.25
8633	Mulcher, Trailer Mntd	Working Capacity	7 TPH	to 35		hour	\$14.10
8634	Mulcher, Trailer Mntd	Working Capacity	10 TPH	to 55		hour	\$20.80
8635	Mulcher, Trailer Mntd	Working Capacity	20 TPH	to 120		hour	\$29.45
8636	Scraper	Soil Recycler WR 2400	w 317 gal fuel tank	563		hour	\$239.85
8637	Trailer CAT	Double Belly Bottom-dump Trailer	26 CY of soil in one dump	330	13 CY of soil each berry	hour	\$92.33
8638	Rake	Barber Beach Sand Rake 600HDr, towed				hour	\$15.40
8639	Chipper	Wildcat 626 Cougar Trommel Screen chipper w belt		125		hour	\$34.30
8640	Trailer, Office	Trailer Size	8' x 24'		Cargo Size 16ft	hour	\$1.95
8641	Trailer, Office	Trailer Size	8' x 32'		Cargo Size 24ft	hour	\$2.30
8642	Trailer, Office	Trailer Size	10' x 32'		Cargo Size 20ft	hour	\$2.65
8643	Trailer	Haz-Mat Equipment trailer	8'x18'			hour	\$37.75
8644	Trailer, Covered Utility Trailer	(7' X 16')				hour	\$5.65
8645	Trailer, Dodge Ram	8' x 24' shower trailer- 12 showers		101		hour	\$29.45
8646	Trailer, Dodge	32' flatbed water				hour	\$27.90
8650	Trencher			to 40	Wheel Mounted. Chain and Wheel.	hour	\$16.30

8651	Trencher			to 85	Wheel Mounted. Chain and Wheel.	hour	\$24.70
8654	Trencher accessories	2008 Griswold Trenchbox				hour	\$1.90
8660	Plow, Cable	Plow Depth	24 in	to 30		hour	\$12.00
8661	Plow, Cable	Plow Depth	36 in	to 65		hour	\$37.45
8662	Plow, Cable	Plow Depth	48 in	to 110		hour	\$41.25
8670	Derrick, Hydraulic Digger	Max. Boom Length	60 Ft		alignment attachment. Include truck rate	hour	\$34.15
8671	Derrick, Hydraulic Digger	Max. Boom Length	90 Ft		alignment attachment. Include truck rate	hour	\$54.66
8680	Truck, Concrete Mixer	Mixer Capacity	13 CY	to 300		hour	\$82.35
8684	Truck, Fire	100 Ft Ladder				hour	\$100.00
8690	Truck, Fire	Pump Capacity	1000 GPM			hour	\$68.00
8691	Truck, Fire	Pump Capacity	1250 GPM			hour	\$72.25
8692	Truck, Fire	Pump Capacity	1500 GPM			hour	\$78.90
8693	Truck, Fire	Pump Capacity	2000 GPM			hour	\$81.40
8694	Truck, Fire Ladder	Ladder length	75 FT			hour	\$117.10
8695	Truck, Fire Ladder	Ladder length	150 FT			hour	\$142.75
8696	Truck, Fire	No Ladder		330	Rescure Equipment	hour	\$93.47
8700	Truck, Flatbed	Maximum Gww	15000 Lbs	to 200		hour	\$20.60
8701	Truck, Flatbed	Maximum Gww	25000 Lbs	to 275		hour	\$35.00
8702	Truck, Flatbed	Maximum Gww	30000 Lbs	to 300		hour	\$27.10
8703	Truck, Flatbed	Maximum Gww	45000 Lbs	to 380		hour	\$44.70
8708	Trailer, semi	48ft to 53ft, flat-bed, freight, two axle	50,000+ gwwr			hour	\$8.45
8709	Trailer, semi	enclosed 48 ft to 53 ft, two axes	50,000+ gwwr			hour	\$9.50
8710	Trailer, semi	28ft, single axle, freight	25,000 gwwr			hour	\$9.70
8711	Flat bed utility trailer	6 ton				hour	\$3.10
8712	Cleaner, Sewer/Catch Basin	Hopper Capacity	5 CY		Truck Mounted.	hour	\$24.80
8713	Cleaner, Sewer/Catch Basin	Hopper Capacity	14 CY		Truck Mounted.	hour	\$31.30
8714	Vactor	800 Gal Spoils/400 Gal Water	500/800 gal	49		hour	\$82.75
8715	Truck, Hydro Vac	model LP555DT				hour	\$18.00
8716	Leaf Vac	Tow by Truck 22,000 cfm capacity		85	Leaf Vac + Truck Code 8811	hour	\$51.25
8717	Truck, Vacuum	60,000 GVW		400		hour	\$74.20
8719	Litter Picker	model 2007 Barber			towed by tractor	hour	\$9.60
8720	Truck, Dump	Struck Capacity	8 CY	to 220		hour	\$48.90
8721	Truck, Dump	Struck Capacity	10 CY	to 320		hour	\$60.77
8722	Truck, Dump	Struck Capacity	12 CY	to 400		hour	\$67.70
8723	Truck, Dump	Struck Capacity	18 CY	to 400		hour	\$75.50
8724	Truck, Dump, Off Highway	Struck Capacity	28 CY	to 450		hour	\$121.20
8725	Truck, Dump	Struck Capacity	14 CY	to 400		hour	\$77.80
8730	Truck, Garbage	Capacity	25 CY	to 255		hour	\$48.50
8731	Truck, Garbage	Capacity	32 CY	to 325		hour	\$55.90
8733	E-BAM Services	Environmental Beta Attenuation Air Monitor			Powered by Solar System	hour	\$3.00
8734	Attenuator, safety	that can stop a vehicle at 60 mph				hour	\$5.50
8735	Truck, Attenuator	2004 Truck Mounted for 60 mph				hour	\$3.85
8736	Truck, tow	1987 Chevy Kodiak 70		175		hour	\$27.70
8744	Van, Custom	Special Service Canteen Truck		350		hour	\$18.00
8745	Van, step	model MT10FD		300		hour	\$21.25
8746	Van-up to 15 passenger	light duty, class 1		225-300		hour	\$20.00
8747	Van-up to 15 passenger	light duty, class 2		225-300		hour	\$20.15
8748	Van-cargo	light duty, class 1		225 - 300		hour	\$22.25
8749	Van-cargo	light duty, class 2		225-300		hour	\$22.25
8750	Vehicle, Small			to 30		hour	\$6.40
8753	Vehicle, Recreational			to 10		hour	\$2.80
8755	Golf Cart	Capacity	2 person			hour	\$3.75
8761	Vibrator, Concrete			to 4		hour	\$1.60
8770	Welder, Portable			to 16	Includes ground cable and lead cable.	hour	\$3.10

8771	Welder, Portable			to 34	Includes ground cable and lead cable.	hour	\$6.80
8772	Welder, Portable			to 50	Includes ground cable and lead cable.	hour	\$10.00
8773	Welder, Portable			to 80	Includes ground cable and lead cable.	hour	\$13.76
8780	Truck, Water	Tank Capacity	2500 Gal	to 175	Include pump and rear spray system.	hour	\$28.70
8781	Truck, Water	Tank Capacity	4000 Gal	to 250	Include pump and rear spray system.	hour	\$50.00
8788	Container & roll off truck	30 yds				hour	\$23.05
8789	Truck, Tractor	1997 Freightliner F120		430		hour	\$54.90
8790	Truck, Tractor	4 x 2	25000 lbs	to 210		hour	\$42.40
8791	Truck, Tractor	4 x 2	35000 lbs	to 330		hour	\$46.00
8792	Truck, Tractor	6 x 2	45000 lbs	to 360		hour	\$52.75
8794	Truck, freight	Enclosed w/lift gate. Medium duty class 5	gwwr 16000-19500 Lbs			hour	\$23.25
8795	Truck, backhoe carrier	Three axle, class 8, heavy duty	over 33000Lbs			hour	\$34.50
8796	Truck, freight	Enclosed w/lift gate. Heavy duty, class	7, 26,001 to 33,000 lbs gwwr			hour	\$31.00
8798	Truck	Tilt and roll-back, two axle, class 7 heavy duty,	to 33,000 gwwr			hour	\$32.00
8799	Truck,	Tilt and roll back, three axle. class 8 heavy duty	over 33,001+ gwwr			hour	\$40.60
8800	Truck, Pickup				When transporting people.	mile	\$0.54
8801	Truck, Pickup	1/2-ton Pickup Truck	4x2-Axle	160		hour	\$12.30
8802	Truck, Pickup	1-ton Pickup Truck	4x2-Axle	234		hour	\$17.65
8803	Truck, Pickup	1 1/4-ton Pickup Truck	4x2-Axle	260		hour	\$19.85
8804	Truck, Pickup	1 1/2-ton Pickup Truck	4x2-Axle	300		hour	\$22.25
8805	Truck, Pickup	1 3/4-ton Pickup Truck	4x2-Axle	300		hour	\$23.10
8806	Truck, Pickup	3/4-ton Pickup Truck	4x2-Axle	165		hour	\$13.40
8807	Truck, Pickup	3/4-ton Pickup Truck	4x4-Axle	285	Crew	hour	\$20.80
8808	Truck, Pickup	1-ton Pickup Truck	4x4-Axle	340	Crew	hour	\$22.85
8809	Truck, Pickup	1 1/4-ton Pickup Truck	4x4-Axle	360	Crew	hour	\$26.40
8810	Truck, Pickup	1 1/2-ton Pickup Truck	4x4-Axle	362	Crew	hour	\$26.75
8811	Truck, Pickup	1 3/4-ton Pickup Truck	4x4-Axle	362	Crew	hour	\$27.50
8820	Skidder accessory	2005 JCB Grapple Claw				hour	\$1.75
8821	Forklift, accessory	2005 ACS Grapple Bucket				hour	\$1.50
8822	Truck, Loader	Debris/Log (Knuckleboom Loader/Truck)		230		hour	\$52.26
8823	Chipper- Wood Recycler	Cat 16 engine		700		hour	\$115.00
8824	Skidder	model Cat 525B		up to 160		hour	\$62.90
8825	Skidder	40K lbs- model Cat 525C		161 and up		hour	\$118.77
8840	Truck, service	fuel and lube	up to 26,000 gwwr	215-225		hour	\$38.65
8841	Truck, fuel	2009 International 1,800 gal. storage tank		200		hour	\$30.50
8842	Mobile Command Trailer	(8' X 28') with 7.5 KW Generator				hour	\$14.66
8843	Mobile Response Trailer	(8' X 31') with 4.5 KW Generator?				hour	\$13.60
8844	Mobile Command Center	(unified) (RV) Ultimaster MP-35	43 FT Long with Generator	400		hour	\$75.00
8845	Mobile Command Post Vehicle	(RV) (In- Motion)	22-Ft Long	340		hour	\$31.00
8846	Mobile Command Post Vehicle	(RV) (Stationary) w/9.6 KW Generator	22-Ft Long	340		hour	\$19.25
8847	Mobile Command Center (Trailer)	48'x8' Trailer, Fully Equiped Mobile Command Center	48-Ft Long			hour	\$29.45
8848	Mobile Command Center (Trailer)	48'x8' When being Moved w/Truck Tractor		310		hour	\$48.90
8849	Mobile Command Center	43'x8.5' x 13.5'H with self 30kw Generator				hour	\$52.00
8850	Mobile Command Center	2007-Freightliner MT-55, (RV)		260		hour	\$45.50
8851	Mobile Command Van	1990- Ford Econoline-Communication Van		230		hour	\$41.00
8852	Mobile Command Center	47.5' X 8.75 Fully Equip' (In motion) (RV)		410		hour	\$65.30
8853	Mobile Command Center	47.5' X 8.75 Fully Equip' (Stationary)		410		hour	\$45.00

8854	Mobile Command Vehicle	53' X 8.75 Fully Equip		480-550		hour	\$96.20
8870	Light Tower	Terex/Amida AL 4000. with (4) 500 watt lights	w/10kw power unit	13.5		hour	\$10.68
8871	Light Tower	2004 Allmand				hour	\$6.30
8872	SandBagger Machine	(Spider) automatic		4.5		hour	\$48.75
8900	Helicopter	OH-58 KIOWA (Military) is the same as *Bell-206B3		420		hour	\$474.00
8901	Helicopter	OH-58 KIOWA (Military) is the same as *Bell-206BR		420		hour	\$496.00
8902	Helicopter	Model Bell 206-L3 Jet Range Helicopter		650	Jet Range III-Helicopter	hour	\$582.00
8903	Helicopter	Model Bell 206L1 Long Ranger		650	Long Ranger	hour	\$596.00
8904	Helicopter	Model Bell 206LT Long Range Twinranger		450	Twinranger	hour	\$780.00
8905	Helicopter	Model Bell 407 EMS- Ambulance		250		hour	\$626.00
8906	Piper-Fixed wing	Model Navajo PA-31		310		hour	\$456.00
8907	Piper-Fixed wing	PA-31-350, Navajo Chiefn twin engine		350		hour	\$487.00
8908	Sikorsky Helicopter	Model UH-60 (Blackhawk) medium lift	Medium Lift	1890	Fire Fighter Same as S70C	hour	\$2,945.00
8909	Helicopter	Model UH-A (Blackhawk) Medium lift	Medium Lift	1890	Fire Fighter	hour	\$5,504.00
8910	Boeing Helicopter	Model CH-47 (Chinook) heavy lift	Heavy Lift	2850	Fire Fighter	hour	\$10,750.00
8911	Helicopter- light utility	Model Bell 407GX - 7 seater	7-Seaters	675	Passenger Aircraft	hour	\$621.00
8912	Helicopter- light utility	Model Bell 206L- 7 seater	7-Seaters	420	Passenger Aircraft	hour	\$596.00
8913	Helicopter	Model Bell-206L4		726		hour	\$576.00
8914	King Air 200 Turboprop Aircraft	Blackhawk King Air B200XP61		669		hour	\$1,316.00
8915	Turboprops Blackhawk Aircraft	Blackhawk Caravan XP42 A		850		hour	\$697.00
8916	Turboprops Blackhawk Aircraft	King Air C90 XP135 A		550		hour	\$1,075.00
8917	Aerostar Piston Aircraft	Aerostar 601P		290		hour	\$447.00
8943	Wire Puller Machine	Overhead Wire Pulling Machine		30	Overhead/Underground Wire Pulling Machine	hour	\$19.85
8944	Wire Tensioning Machine	3000 Lbs			Overhead Wire Tensioning Machine	hour	\$14.50
8945	Aerial Lift	model 2008 Genie Scissor Lift				hour	\$6.30

Flowchart



INF - Immediate Needs Funding
 PAC - Public Assistance Coordinators
 PDA - Preliminary Damage Assessment Report
 CMF - Case Management File