



# Crane Truck Replacement Proposal 2021

Department of Agriculture/Weights and Measures

## **Our Mission:**

**To preserve the standards that protect consumers and businesses during commercial transactions by maintaining uniform standards of measurement that are recognized in the United States and around the world.**

# **Department of Agriculture Weights and Measures Programs**



# Device Testing and Certification Program

A device under this program is defined as instrument that weighs, measures, or counts

## Examples include:

- Truck scales with capacities up to **60 tons**
- Platform scales with capacities up to **25 tons**
- Livestock scales with capacities up to **5 tons**
- Various smaller scales



# Weighmasters Program

A weighmaster is an individual that verifies the weight of a commodity when the customer is not present

## **Examples include:**

- Dumps/Metal scrap yards
- Rock quarries
- Vineyards
- Timber yards



# Petroleum Products Program

The primary focus of this program is to test and certify petroleum dispensers.

## **Examples include:**

- Gas stations
- Mobile fuel trucks
- Marine fuel pumps
- Propane stationary tanks and delivery trucks





# Service Agents Program

Persons that sell, rent, install, service or repair commercial weighing and measuring devices are required to be licensed with DMS. Repair technicians must report their work to county W&M officials. This allows for efficient review of their work to validate the accuracy and appropriate use of devices for commercial use.



# Our current system

- Ford F350 which was assembled in-house and not officially certified for payload or towing capacity
- Fleet directed us to carry no more than 1000 lbs of cargo or tow no more than 8000 lbs (trailer=2000 lbs)
- Crane rated to lift 3000 lbs, however has failed three times in the past 12 months
- Currently the department has a bank of 8000 lbs of weight standards to use for testing scales
- With the current set-up, we can carry a maximum of 7000 lbs of standards





# The Proposed Ford F550 Flatbed Crane Truck

- The Ford F550 after the crane and bed are installed has a cargo capacity of 8000 lbs
- It is rated to tow 18,500 lbs
- The crane is rated at 3,200 lbs capacity
- Does not require a Class B commercial driver's license



# Lake County's current weight truck

- Contracted with Lake County for the use of the truck and a qualified driver to complete our inspections
- Requires a Class B commercial driver's license
- California emission standards now limit its annual mileage
- No longer available for us to contract



# The proposed truck will be used for various tasks within the Department

**Mendocino County  
Department of Agriculture**

## **Agriculture**

- **ATV Transport**
- **Transporting beehives**
- **Pest Management Programs**
- **Hemp Program**
- **Weed Program**

## **Weights and Measures**

- **Vehicle scales**
- **Platform Scales**
- **Dormant Scales**
- **Crane and hanging scales**
- **Towing all equipment**

# Equipment options for the Mendocino Agriculture Department

## Contract with Service Agent (Bartlomei Scales):

### Pros:

- County would not need to purchase vehicle
- Accurate inspections with the correct equipment

### Cons:

- Must be dependent on third party to complete inspections
- Large recurring expenditure

### Costs:

36 Scales

12 Inspection days

3 scales per day

6 hour inspection day=\$2,000 per day

**Total for all scales \$24,000**

# **Equipment options for the Mendocino Agriculture Department**

## **MOU with Sonoma/NAPA**

### **• Pros:**

- The county does not have to purchase a vehicle
- Sharing maintenance costs

### **• Cons:**

- We do not have a Class B Driver License holder
- Must pre-schedule with two separate counties to use vehicle and schedule with the our county's Department of Transportation for driver
- Recurring cost

### **Costs:**

- Annual MOU fee=\$12000
- Yearly mileage cost=\$3,600
- Yearly replacement fee=\$2, 040
- Class B driver cost=\$1,600
- Yearly Insurance=TBD

**Total Cost=more than \$20,000 annually**

# **Equipment options for the Mendocino Agriculture Department**

## **Purchase of a new multi-purpose crane truck**

### **Pros:**

- Can be used in Weights and Measures and Agriculture
- Self-sufficient from other counties and departments
- Safer and more durable platform with no Class B required
- Will tow all department trailers and equipment
- Will retire the older truck out of the county fleet

### **Cons:**

- Initial capital expenditure for asset
- Maintenance costs

### **Fully equipped cost:**

- **\$82,000 (\$94,000 estimated adjustment by fleet)**



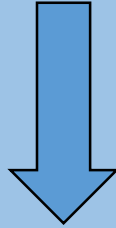
# Cost Comparisons of Options

**Annual service agent  
fees**



**\$24,000+**

**Annual MOU fee**



**\$20,000+**

**Proposed Mendocino County Ford  
F550 Crane Truck**



**\$82,000 (\$94,0000 - estimated  
adjustment by fleet)**

**In four to five years, the county could recuperate the costs of the vehicle and save what would have been recurring costs for the department.**

## Revenue from the Department

- In 2020 the number of weighing and measuring devices registered with our department rose from 3,400 to 5,200. The department anticipates that this number will continue to increase as new businesses come to the county.
- The fees we collected for registering and testing these devices totaled **\$165,708** and we anticipate that this revenue will increase as well.
- This updated vehicle will allow us to keep up with the increasing workload and prevent the county from being forced to employ outside vendors to complete tasks that current county staff are trained and capable of doing.

**Mendocino County has always valued the  
work Weights and Measures does and our  
commitment to a fair marketplace within  
the county.**



**Thank you for your time and  
consideration**

**Questions?**