

Department of Agriculture - RFU IV  
 Schedule of Farm Implements Purchased Showing Excess Cost and Status  
 From 1988 P178 M

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No. of units	Description	(In Millions)				Location	Operational	Inoperational
		Price/Unit	Total Cost	Price per Comms	Excess Cost			
2	Tornado Brush Chipper/ Shredder Model - BCS-51	P3.00	P6.00			Navotas		
2	Shredding Machine	0.63	1.26			Marinduque	P	
1	Hammermill/Lifter Model #. HS2 Tornado	0.74	0.74			Payatas	O	
2	Pelletizer (Model # PM200 Tornado)	0.63	1.26			Payatas	O	
5	Shredder/Chipper (Towable) Model : HCS 1.5	0.75	3.75	1.132	2.62	Marinduque	P	
1	Shredder Chipper (Small) Shredder Chipper (Small)	0.25	0.25	1226.320 each	0.128945	Payatas	O	
1	Hammermill/Shredder Model HCS2	0.74	0.74			Marinduque		1
14	Total		P14.00		P2.747		B	6

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Republic of the Philippines  
**COMMISSION ON AUDIT**

Commonwealth Avenue, Quezon City, Philippines

ANNEX 5-B

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December 5, 2003

THE CLUSTER DIRECTOR  
National Government Sector  
Cluster VI - Agriculture and Environment

Thru: THE SUPERVISING AUDITOR  
DENR - OSEC



Sir/Madam:

In compliance with the memorandum of the Cluster Director to determine the reasonableness of the price of the different fabricated equipment purchased by Department of Agriculture - Regional Field Unit No. IV (DA-RFU4), the undersigned exerted effort to gather price data of the equipment from the subject supplier but to no avail. Further, said equipment with exactly the same specifications are not available in other fabricators/manufacturers. Some fabricators are hesitant to give price quotations of their products. However, Handy 4-in-1 Machine (Patent No. 31372) and RU Foundry and Machine Shop Corporation (Patent No. H 2000-98) offered price quotations of their products which are patented and with some similarity in the specifications and which serve the same function/purpose as the subject equipment.

Hersunder is a list of other fabricators' products with some similarity in specifications and which have the same function/purpose as of the purchased equipment.

**PRODUCT 1: SHREDDER/CHIPPER**

Fabricator:	LCV Design and Fabrication Corporation	Handy 4-in-1 Machine (Patent No. 31372)	RU Foundry and Machine Shop Corporation (Patent No. H 2000-98)
Product	SHREDDER/CHIPPER	SHREDDER/CHIPPER	SHREDDER/CHIPPER
Model:	HCS 15	Handy Saber	RJTMWC 60000 DGF
Power	15 Horsepower Gasoline Engine	16 Horsepower Gasoline Engine with electric start	10.5 Horsepower Diesel Engine
Shredder Capacity	500kgs/hour	1,200kgs/hour	2 Tons/hour with built in chipper
Chipper Capacity	200-400kgs/hour	wood branches of up to 2.5 inches diameter	

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Other Features	Towable With 24 pcs. Reversible high carbon alloy steel shredder blades, 4 pcs. Reversible high strength manganese alloy chipper blades	Towable. A 4-in-1 machine; shredder, chipper; decorticator and pulverizer. Shreds all types of organic waste and pulverizes glass, bottles, animal bones and shellfish.	Towable. Heavy duty, checkered plate feeding and Extension funnel, high quality tempered steel blades, downward discharge for easy handling, casted drum, built-in wood chipper
Cost	₱ 759,000.00	₱ 226,320.00	₱ 600,000.00

**PRODUCT 2: SHREDDER/CHIPPER**

Fabricator:	LCV Design and Fabrication Corporation	Handy 4-in-1 Machine (Patent No. 31372)
Product	SHREDDER/CHIPPER	SHREDDER/CHIPPER
Model:	SC 0.2T	Handy Cutlase
Power	6.5 Horsepower	6 Horsepower Gasoline Engine
Capacity	200kgs/hour	300kgs/hour
Cost	₱ 158,000.00	₱ 121,055.00

Attached are the price quotations offered by other fabricators/manufacturers gathered by the undersigned for your reference.

Thank you.

Very truly yours,

*Abundio A. Abe*  
ABUNDIO A. ABE  
Sr. TAS

*ncw*

# R.U. Foundry and Machine Shop Corporation 8 of 9

November 25, 2005

Department of Environment and Natural Resources  
Visayas Avenue, Quezon City

Attention: Mr Ding Abe

Sir:

In support to R.A. 9003 - The Solid Waste Management Law, we are pleased to offer the following equipment for the Volume Reduction and manufacture of Organic Fertilizer using biodegradable market waste for your personal and consideration to wit:

### R.U. Shredder with Diesel Engine with the following Specification:

MODEL #	HP	Capacity/Hr	Features	Price
MWC 60000 DGF	10.5	2 Tons	Heavy Duty, Portable, Checkered Plate Feeding and Extension Funnel High Quality Tempered Steel Blades Downward discharge for easy handling Casted Drum, Built-in wood chipper	P 600,000
MWC 80000 DGF	12.5	2.5 Tons	Heavy Duty, Portable, Checkered Plate Feeding and Extension Funnel High Quality Tempered Steel Blades Downward discharge for easy handling Casted Drum, Built-in wood chipper	P 800,000
MWC 120000 DGF	19	4 Tons	Heavy Duty, Portable, Checkered Plate Feeding and Extension Funnel High quality Tempered Steel Blades Downward discharge for easy handling Trailer Mounted, Casted Steel Drum, Built-in wood chipper	P 1,200,000
MWC 140000 DGF	22	6 Tons	Heavy Duty, Portable, Checkered Plate Feeding and Extension Funnel High quality Tempered Steel Blades Downward discharge for easy handling Trailer Mounted, Casted Steel Drum Built-in wood chipper	P 1,400,000

The R.U. Shredder was designed, developed and manufactured locally by R.U. Foundry and Machine Shop Corporation using High Quality local materials. n6j

R.U. Foundry and Machine Shop Corporation is the exclusive manufacturer of this types of Shredding machine. Our Certificate of Copyright registration number is H 2000-78, registered on March 20, 2000.

- a. Shredding can be done at source: Public Markets, Barangay Collection Areas, Parks, etc.
- b. Mobile to treat any area where garbage accumulates.
- c. Volume of biodegradable waste is cut significantly more than 1/2 of its original volume.
- d. Big savings in Trucking cost could pay for the cost of shredder
- e. Decomposition is hastened and accelerated since after shredding waste is in fibrous state.
- f. If shredded waste is further treated with Microorganisms (F.M. or other organic base bacteria) foul odor is eliminated and decomposition is further hastened.
- g. It will prevent the harboring and breeding of flies, rats and other pests.
- h. Income and livelihood could be generated if garbage is converted into compost and vermicompost.

**WARRANTY : ONE (1) YEAR SERVICE WARRANTY UNDER NORMAL OPERATING PROCEDURE ; CONSUMABLES LIKE BLADES, BEARINGS AND FAN BELTS ARE FOR THE ACCOUNT OF THE BUYER**

We guarantee our equipment and its components against all defects in materials and workmanship. We hope that with these advantages, you will give this offer a favorable response. We are willing to discuss with you this offer anytime at your convenience.

Very Truly yours,

  
 Landon C. Uy  
 General Manager

*Handwritten initials*

## Handy The Inverter and the Product

Also Handy Regon J invented the Handy 4-in-1 Machine which was patented in 1988. This is the machine that was given to us by the Handy Inverter.

"Let us not forget, still look to the future in the regulation on July 1st 1990 about the environmental protection of the earth."

Handy Regon has been giving Jackson throughout the country a compelling and unique recycling idea. After working in a department serving in the US in 1988, he went back to Canada to apply his knowledge, creating for all the nations by helping power the composting and recycling movement.

It is the process of developing a system for composting, he has to deal for a decade in all various production. The necessary process is the "Shredder". In design and the addition of a second process and just garden waste, but more of various features, strength, and steady.

The "Handy Shredder" would be mobile, powerful, easy to use, and affordable. Adding convenience to the composting and recycling procedure should help promote the movement in the 1990s.

As every homeowner, the Handy 4-in-1 Machine's power and versatility benefit is obvious. There have been and the "Handy Shredder" to break down straws or even composted materials. Thanks to the Handy 4-in-1 Machine, the term "Shredder" is now broadly applied to composting and waste management.

Our shredders are now used in the market, due to the rubber, chips and sawdust or to harvest, the performance of the "Handy Shredder" is not unmatched. Handy Regon is known to be in the forefront in shredder of quality and performance in the country.

Handy Regon started to develop other models in the agriculture sector technology available and convenient for all. These models were developed with other improvements in new being designed and tested.

See what the Handy Machine can do for you!

Shred small leaves and coarsest bark.



Shred small leaves and coarsest bark.



Chop medium branches up to 1.5" diameter.



Flatten and create green matter, dryer fruits and the like.



For Enquiries and Further Information Contact:

**HANDY**  
FOUNDRY INC.

154 4th St. New Market, Queens City 1112 Philadelphia  
Phone: (603) 415-4700 or 800-776-7844  
Mobile: (603) 282-3802 / (603) 724-7844  
Email: handy@handymachine.com  
Overland phone: (603) 282-3802  
Ray T. Regon and Steven R. Regon

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Set the Trend and Break New Ground  
Towards Successful Waste  
Management!

The  
**Handy**

4-in-1 Machine  
Patented Patent No. 31372  
Inventor: Regon, Steven R. - Regon, Ray T. - Patentee

Invented by:  
Alexander Regon, Jr.



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# THE Handy HANDY 4IN-1 MACHINE MODELS

SPEEDER • CHIPPER • DECORICATOR • PULVERIZER  
PHILIPPINE PATENT NO. 31371



1.5hp Outboard Engine  
Has easy to use control system



3hp, 4hp, 5hp Outboard Engine  
Mount or attach to other equipment



15.5hp Outboard Engine  
Protect engine with



10hp Outboard Engine  
Protect engine with

## CUTLASS SERIES • ULTRA COMPACT

Shreds Kitchen and Garden Waste  
Recommended for homes and small farms

Average Output Capacity of 300 to 750 Kg/Hr  
Chipping Capacity of 1" to 2" diameter  
Fuel capacity of 8" diameter  
Fuel Consumption rate of 0.8 to 2.0 L/hr

Available with  
3 Hp Single Phase Electric Motor and  
5hp, 8hp & 10hp Tecumseh Gasoline Engines  
On a Wheelbarrow Type Body

## SABER SERIES • THE ORIGINAL HANDY 4IN-1 MACHINE

Shreds All Types of Organic Waste and  
Pulverizes Glass Bottles, Animal bones & Shellfish  
Recommended for Farms, Small Markets and Compounds

Average Output Capacity of 1,200 Kg/Hr  
Chipping Capacity of 2.5" diameter  
Fuel capacity of 10" diameter  
Fuel Consumption rate of 3.0 L/hr

Available with  
15.5 Hp Tecumseh Gasoline Engine and  
7.5 Hp AB8 3-Phase Electric Motor on a  
Wheelbarrow Type Body

## SCIMITAR SERIES • HEAVY DUTY

Shreds all organic materials, glass, cans  
and plastic bottles  
Recommended for residential villages, municipal  
markets, Barangays and orchards

Average output capacity of 1,600 up to 3,800 Kg/Hr  
Chipping capacity of 3.5" diameter  
Fuel Capacity 12" diameter  
Average Fuel Consumption rate of 1.56 - 2.0 L/hr

Available with 10 Hp and 16 Hp Hatz diesel engine  
Available in two types of body  
- wheel chassis mounted  
And 2 wheel trailer mounted models

