

02.07.2021

GENERAL SAFETY FIRE APPARATUS FORMAL QUOTATION FOR MARSHALL FD APPARATUS REFURBISHMENT

Replace all 40 wheel studs along lugnuts and 20 rear axle inner nuts

Replace both front and rear chassis springs, spring pins and shock absorbers as necessary

Conduct 12 volt electrical system load test prior to any upgrades, record amp draw and document

Upgrade all emergency and essential Safety lighting to NFPA 1901 standards utilizing Super LED lighting

Upgrade all DOT lighting to Super LED lighting

Lighting will be upgraded with Super LED Whelen, TecNiq or comparable lights

LED Light Upgrade to include; Weldon# 9186-8580-29 X 2

Weldon# 2631-2222-30 X 5

Pierce# 61-5092 X 3

Trucklite 15 Series X 10

Unity # 8B48 X 2

Code 3 Arch Beacon X 2

FRC Scene Light X 2

Whelen Traffic Advisor,

Whelen Light Bar

TecNiq K90-WBU0-1 X 2, TecNiq K90-AAT0-1 X 2, TecNiq K90-STR0-1 X 2, TecNiq K60-RR00-1 X 8, TecNiq K60-1C00-1 X 6, TecNiq K90-1C00-1 X 6, TecNiq K70-RR00-1 X 2, TecNiq K70-1C00-1 X 2, TecNiq T41-WC0T-1 X 11

3 ea. Pump Panel Lights

1 Pump Panel Amber, activated by pump engaged

7 Ground lights 4 cab doors, center and rear facing of vehicle. 2 Rear Stop-Turn/Tail and Back-up with Cast 3 housing

2 rear facing Warning

Upgrade headlights to JW Speaker LED high and low beam 8800 headlights. Install 5 LED light water level gauge to existing position on pump panel.

Replace all interior dome lights, convenience lights and accessory lights with LED where light head replacements are available in LED

Back-up camera to rear of vehicle.

Install dash mounted color screen.

Unit will be on at all times when vehicle batteries are on to add safety through the ability to see in the blind spot directly behind the vehicle.

Install Whelen LED Traffic Advisor Arrow Stick to the upper rear portion of vehicle body. Control panel mounted on cab dash. (location determined by customer)

Install 3M Diamond Grade Chevron Safety Reflective Dot system to rear facing diamond plate at rear of vehicle per NFPA 1901.

Install 2 NFPA 1901 Compliant Jumbo wheel Chocks and mounts.

Install Kussmaul Auto Pump System with Auto Charge 11 and 20 amp water proof auto eject.

Includes 110 volt automatic air pump/battery charger and shore line plug eject along with labor to install. This includes troubleshooting and repairing all air leaks in vehicle air system to DOT Compliance.

Install cab interior mounted 110 volt power outlet and power strip for charging station for Fire Fighter equipment

Access vehicle water tank.

Remove cover access hole and inspect water tank for corrosion and/or cracking.

Install "Our Family Helping Your Family" graphics with customer's approval location TBD.

During services oil sample analysis will be performed on Engine oil, transmission fluid and generator oil. Analysis documentation will be provided to the department.

Replace air filter.

Service Auto Transmission Service A/C

Service Air Dryer

Service Foam Pro System

Service Generator

Inspect radiator condition, re-core or replace if needed. If truck has large transmission cooler located under truck, remove,

inspect and have thoroughly cleaned and pressure tested.

Service differentials.

Undercoat front and rear wheel wells.

Replace all compartment lights with replacement LED - TBD.

Replace chrome lug covers and rear axle hub covers inspect body for corrosion estimate body and paint repair.

Clean and alumi-brite all aluminum diamond plate surfaces. Complete buff all exterior painted surfaces. Inspect all seats and interior fabric. Update and/or replace where needed.

FORMAL QUOTATION PRICE (GOOD THROUGH APRIL 1, 2021)
WORK TO BE COMPLETED IN 90-120 DAYS FROM ORDER

\$124,345.00

Steven Harris

President

General Safety Fire Apparatus

Wyoming, MN

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