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Lyman-Dayton Fire Commission
Goodwin's Mills Fire-Rescue
481 Goodwin's Mills Road
Lyman, Maine 04002-7524



Request for Proposals (RFP)

Fire & EMS Apparatus

Available: 3/13/2020

Proposals Due: 4/17/2020 by 1600 hrs.

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Request for Proposals
Fire & EMS Apparatus

The Lyman-Dayton Fire Commission is requesting sealed proposals for furnishing the following vehicles:

-Item (1): One Pumper-Tanker style vehicle for the Goodwin's Mills Fire-Rescue, as specified in Part 1 of this RFP.

-Item (2): One Type 1 Ambulance for the Goodwin's Mills Fire-Rescue, as specified in Part 3 of this RFP.

-Item (3): Financing options for the lease-purchase of the apparatus listed. Either individual or purchased as a group.

Proposals may be submitted for all items listed in the RFP as a group or individually. A submitter is not required to submit a proposal for all items listed.

Contracts will not, necessarily, be awarded for each item as a group, contracts may be awarded to individual vendors for each item, individually. If it is advantageous to the purchaser, all items listed may be awarded to a single vendor.

Proposals are to be received by the Office of the Fire Chief no later than 1600 hours on 4/17/2020, at which time they will be publicly opened and read.

Proposals shall be submitted in a sealed envelope, plainly marked, "Proposal for Fire/EMS Apparatus", and shall be addressed to Goodwin's Mills Fire-Rescue, Office of the Fire Chief, 481 Goodwin's Mills Road, Lyman, Maine 04002.

It is the custom of the Goodwin's Mills Fire-Rescue to pay its bills within 30 days following delivery of and receipt of all bills for all items covered by the purchase order. In submitting proposals under attached specifications vendors must take into consideration all discounts allowed in accordance with the above payment policy. All vendors should quote net prices, therefore, exclusive of all Federal Excise Taxes and Maine State Sales Tax. In this regard, proposal prices are to remain in effect for a minimum of 120 days after proposal opening.

The Lyman-Dayton Fire Commission reserves the right to waive all informalities in proposals, to reject any and all non-conforming or conditional proposals, and to accept any proposal, portion thereof, or reject any or all proposals, or portions thereof, should it be deemed in its best interest to do so. Except as otherwise required by law or as specifically provided to the contrary herein, the Lyman-Dayton Fire Commission shall govern the award of this proposal.

All proposals will be opened publicly and submitters or their representatives may be present at the proposal opening. The proposals will be available for public inspection after opening but abstracts will not be prepared for distribution by the Goodwin's Mills Fire-Rescue, Lyman-Dayton Fire Commission, Town of Lyman or Town of Dayton.

Award will be made taking into consideration the quality of the product, conformance with the specifications, suitability for the intended purpose; ultimate cost to the Towns of Lyman and

70 Dayton, Maine, warranty, specification evaluations by the Goodwin's Mills Fire-Rescue, and with
71 the overall recommendation from the Fire Chief.

72 Any questions relative to this Request for Proposals (RFP) may be directed to:

73 -Chief Mathiew Duross, 207-499-7878 email: mduross@gmfd.org

74 **1. Intent of Specifications**

75 1.1) It is the intent of these specifications to cover the furnishing and delivery to the purchaser of
76 a complete vehicle equipped as hereinafter specified. With a view to obtaining the best results and
77 the most acceptable apparatus, these specifications cover minimum requirements as to the type of
78 construction, finish, and tests to which the apparatus must conform, together with certain details
79 as to equipment and appliances to be furnished. Minor details of construction and materials, where
80 not otherwise specified, are left to the discretion of the contractor, who shall be solely responsible
81 for the design and construction. The apparatus shall conform to the requirements of the current (at
82 the time of proposal) NFPA 1901 Standard for Automotive Fire Apparatus.

83 **1.2) This request for proposals does not, by itself, obligate or commit the Goodwin's Mills
84 Fire-Rescue, Lyman-Dayton Fire Commission, Town of Dayton or Town of Lyman the
85 authority to purchase. The intent of purchasing this apparatus is based upon the positive
86 support of the voters at a town meeting for the Towns of Dayton and Lyman, Maine.**

87 Awarding of supplier shall not be done until after said meetings. The proposer must provide
88 lease/purchase proposal, which includes interest rate, annual payments and payment schedule, as
89 part of this proposal.

90 1.3) SUBMITTERS ARE ADVISED THAT THIS SECTION OF THE SPECIFICATIONS WILL
91 BE EVALUATED BEFORE THE APPARATUS TECHNICAL SPECIFICATIONS.
92 PROPOSALS THAT DO NOT COMPLY WITH OUR BONDING, INSURANCE, DELIVERY,
93 PROPOSER QUALIFICATIONS, SERVICE, AND WARRANTY REQUIREMENTS WILL
94 BE IMMEDIATELY DEEMED NON-RESPONSIVE AND SHALL BE IMMEDIATELY
95 REJECTED WITHOUT FURTHER REVIEW OF THE TECHNICAL SPECIFICATIONS.

96 **2. Qualification of Proposals**

97 2.1) Proposals will only be considered on vehicles constructed in the continental United States,
98 whose manufacturers have an established reputation of permanency and reliability in the field of
99 fire apparatus construction. Each manufacturer shall furnish satisfactory evidence of their ability
100 to construct the apparatus as specified and shall state the location of the factory where the complete
101 apparatus will be built. If the chassis and rescue body are manufactured in different facilities, the
102 location of each facility shall be stated in the proposal. Experimental apparatus or apparatus using
103 a subcontracted body will not be acceptable. Proposals will only be considered from manufacturers
104 who have been in business continuously, without interruption, for a minimum of 25 years.

105 2.2) The following information must be provided in the proposal in regards to where the following
106 vehicle components will be constructed:

- 107 ▪ 2.2.1) Chassis: include number of years manufacturer has been at this location
- 108 ▪ 2.2.2) Body: include number of years manufacturer has been at this location

109 2.3) Solvency of manufacturers is a prime concern of the Purchaser. Each proposal must include a
110 certified financial statement from a nationally recognized accounting firm. Failure to submit such
111 a statement shall result in immediate rejection of a proposal.

112 **3. Warranty Service Requirements**

113 3.1) It is the intent of the purchaser to assure that parts and service are readily available for the
114 apparatus specified. Service capabilities will be a major criterion for award of this proposal. To
115 ensure proper service no proposal will be accepted unless the vendor owns or contracts with an
116 acceptable maintenance facility(s) within the 6 New England States. This maintenance facility
117 must provide complete parts and warranty support. The facility must be staffed with factory trained
118 and certified Emergency Vehicle Technicians trained in the operation and repair of the fire
119 apparatus with full authorization of the manufacturer. In addition, in order to ensure prompt
120 service, the facility must be solely dedicated to the service/repair of emergency vehicles. Facilities
121 that cater to construction and fleet trucks (i.e. highway department, DPW, oil, concrete trucks etc.)
122 will not be considered. The facility shall maintain a parts inventory including major chassis parts,
123 body components, electrical items, fire apparatus hardware etc. and shall also offer minor repairs
124 and service at the customer's location at no extra charge.

125 3.2) Furthermore, due to a concern over having vehicles "out of service" for extended periods of
126 time as a result of having to be sent back to the original manufacturer's location for repairs, such
127 as but not limited to, paint and/or electrical warranty issues, any vendor who cannot guarantee that
128 these repairs will be handled at a local level will not be acceptable.

129 **4. Emergency Vehicle Technician Qualifications**

130 4.1) Due to the highly specialized nature of fire apparatus repairs, emergency vehicle technicians
131 employed by the proposer or the proposer's contracted maintenance facility, shall be in
132 conformance with NFPA standards 1915 and 1071. The proposer shall employ certified
133 Emergency Vehicle Technicians. Proof of current certification shall be supplied with the proposal.
134 There shall be no exceptions to this requirement. Proposals from dealers that do not meet this
135 requirement shall be immediately rejected.

136 **5. Service Questionnaire**

137 5.1) The following information must be clearly supplied in the proposal

- 138 ■ 5.1.1) Number of miles from the purchaser to the nearest staffed service facility owned and
139 operated by the proposer:
- 140 ■ 5.1.2) The length of time the service facility has been in business as an emergency vehicle
141 dealer
- 142 ■ 5.1.3) Number of emergency vehicles that have been delivered by the dealer/distributor
143 since it has been in business representing its current "brand(s) of emergency vehicles
- 144 ■ 5.1.4) Is the dealership strictly dedicated to selling and servicing emergency vehicles?
- 145 ■ 5.1.5) Number of EVT certified personnel employed
- 146 ■ 5.1.6) Does the possibility exist that the emergency vehicle may have to go back to the
147 manufacturer's location for warranty work, if yes provide examples.

- 148 ▪ 5.1.7) Does the dealer/distributors service facility perform ALL warranty work for the
149 products they represent. If no, please explain what type of work and where it may be
150 performed.
151

152 **6. Inspections**

153 6.1) All proposals may include an Inspection trip for no less than two (2) members of the
154 Department for the following

- 155 ▪ 6.2.1) Preconstruction meeting at the manufacturing plant to discuss and finalize all
156 specifications.
157 ▪ 6.2.2.) Final Inspection meeting at the manufacturing plant to assure accuracy and request
158 any change orders.

159 This trip if proposed, shall include all transportation, lodging, and meals expenses for the
160 department's representatives. If a "Demo" truck is chosen it will be acceptable for the pre-delivery
161 inspection to take place at the vendor's service facility. If the unit proposed is being "built to suit"
162 the pre delivery inspection will take place at the manufacturing facility where the apparatus is
163 being built and will include round-trip airfare.

164 **7. Delivery**

165 7.1) The apparatus shall be delivered under its own power to assure adequate break-in while under
166 warranty. It shall first be transported to the local service facility, where final inspection and
167 preparation will be performed, including mounting of related equipment. The apparatus will then
168 be delivered to the Purchaser's location.

169 **8. Post Delivery Training**

170 8.1) On mutually agreeable dates after delivery, a manufacturer certified delivery engineer shall
171 familiarize those persons designated by the Fire Chief with the basic operation of the apparatus
172 and its components. This shall be a full instructional program including both classroom and
173 practical or "hands on" training which may include multiple sessions to include all needed
174 personnel - estimated to be potentially six separate sessions. Limited programs or "drop-off" type
175 deliveries are unacceptable.

176 **9. Construction Time**

177 9.1) The completed apparatus shall be delivered in as little time as possible. Please state the number
178 of days required for completion of the apparatus.

179 **10. Insurance Certificate**

180 A Manufacturer's Certificate of product liability and facility insurance equal to or exceeding
181 \$4,000,000.00 must be provided with the proposal. The certificate must be in the original form (no
182 photocopies of fax copies) and shall name the Goodwin's Mills Fire-Rescue as the certificate
183 holder.

184

185 **11. Bid Bond**

186 11.1) Each proposal shall be accompanied by a proposal or bid bond in the amount of ten (10)
187 percent of the proposal price. Proposals submitted without a bond will not be read. The proposal
188 or bid bond must be issued by an Insurance Company registered with the Insurance Commission
189 of this State. Bonds must be signed by an Officer of the vendor's company. Bonds issued by non-
190 registered or foreign Insurance Companies will be immediately rejected.

191 **12. Performance Bond**

192 12.1) At the time of contract signing, the purchaser may require the proposer to provide a
193 performance bond. Instances that may require such bond maybe, but not limited to, any required
194 y down payment, pre-payment or up-front payment is by the proposer. The bond shall be in an
195 amount equal to one hundred percent of the contract price furnished by a surety or bonding
196 company licensed to do business in the State of Maine and satisfactory to the purchaser. Such
197 performance bond is to guarantee the proposer's ability to deliver the equipment for which it has
198 contracted between the time of the contract execution and the subsequent acceptance by the
199 purchaser. If the proposer to whom the contract is awarded refuses, neglects to execute, or fails to
200 furnish the required one hundred percent performance bond within thirty (30) days after notice to
201 such of the award or by the date of the contract signing (whichever occurs later), In addition to the
202 one hundred percent performance bond, the proposer shall also be liable for, and agrees to pay the
203 purchaser, on demand, the difference between the price bid by him and the price for which the
204 contract shall be subsequently relet, together with the cost of reletting, if any, less the amount of
205 the deposit provided. However, in no event shall the purchaser recover any amount in excess of
206 the costs incurred by it for such reletting. No plea of mistake in such accepted bid shall be available
207 to the proposer for the recovery of his deposit or as a defense to any action based upon such
208 accepted bid. At the time of the purchaser's acceptance of the apparatus, the proposer may cancel,
209 or cause to be canceled the performance bond.

210 **13. Contract**

211 13.1) These specifications, together with any documents required herein, shall be included in the
212 final contract. Each proposed vendor shall submit a copy of their proposed contract form.

213 **14. Warranty**

214 14.1) Each dealer/distributor shall submit a copy of their standard Warranty in compliance with
215 State and Federal regulations. Any pro-rated warranties shall include details as to the pro-rating
216 schedule and the monetary responsibilities of the purchaser at any given time within the warranty
217 period.

218 14.2) The minimum acceptable warranty coverage is:

- 219 ▪ 1-year standard warranty
- 220 ▪ 5-year Engine warranty
- 221 ▪ 5-year Transmission warranty
- 222 ▪ 10-year Cab and Body structural warranty
- 223 ▪ 7-year Paint warranty
- 224 ▪ Lifetime - Frame and Cross-member warranty

- 225 ▪ Lifetime – Water and foam tanks

226

227 **15. Exceptions, Variations and Demo or Stock Units**

228 15.1) The following brief list is to be considered the minimum acceptable standards for the
229 apparatus being proposed. Proposer's are responsible for reviewing these items and ensure their
230 proposed vehicle is in compliance. Any exceptions from these minimums shall be listed in detail
231 for the Department's consideration. The Goodwin's Mills Fire-Rescue shall be the final authority
232 on what items will be or will not be considered acceptable.

233 15.2 Variance from Specifications. Each bidder shall submit a list of any and all exceptions to
234 these specifications with the reason for each exception and shall clearly mark the list
235 "EXCEPTIONS TO SPECIFICATIONS". Exceptions explained to the satisfaction of the Fire
236 Chief will not be a cause for rejection. Failure to comply with the listing of exceptions will
237 constitute a cause for rejection. Or, if not discovered until delivery, a penalty of up to ten percent
238 of the total purchase price of the vehicle.

239 Under no conditions will any deviation from these specifications be acceptable without the written
240 consent of the Fire Chief of the Goodwin's Mills Fire-Rescue. Neither the Goodwin's Mills Fire-
241 Rescue, Lyman-Dayton Fire Commission Town of Lyman or Town of Dayton, Maine, nor any of
242 its agents or officials, shall be held liable for any infringements of patents or patented processes,
243 devices, or articles used in the manufacture of the proposed fire apparatus, or any of the appliances
244 furnished under the contract. **The proposer's list of "EXCEPTIONS TO SPECIFICATIONS"**
245 **shall be so numbered as to correspond to the reference number of that item in these**
246 **specifications for the ease of comparison.**

247 The Goodwin's Mills Fire-Rescue's specifications are the final authority and unless written
248 exception is taken, it is assumed that these specifications have been complied with in total. Any
249 errors or omissions shall be the responsibility of the proposer. Proposals taking total exception to
250 the publicized specifications or stating that the proposal takes precedence over the published
251 specifications may be immediately rejected as being non-responsive.

252 15.3) Though these specifications identify minimum requirements, the department will in addition
253 accept and review specifications for demo units' available if the proposed demo unit meets the
254 general requirements as set forth in these specifications. If proposing a demo unit, the proposer
255 shall specify in their proposal the current road miles and engine hours of the unit proposed. Demo
256 unit's compliance and acceptability with these specifications shall be at the sole discretion of the
257 Goodwin's Mills Fire-Rescue. The Goodwin's Mills Fire-Rescue recognizes that these are basic
258 specifications and shall carefully review any proposal put forth provided these minimum
259 specifications are met. Meeting of specifications shall be at the sole discretion of the Goodwin's
260 Mills Fire-Rescue. Final determination shall be concluded after all proposals are studied and if
261 determined to award a purchase, shall be done with the best interest of the department and
262 community in mind. Proposals that are found to have deviations without listing them will be
263 rejected. Components identified by brand name are available to all prospective vendors and any
264 exceptions must meet or exceed the specifications on those items.

265

266 **PART 1: PUMPER TANKER**

267 **16. ECE R-29 Crash Testing w/ Third Party Certification**

268 16.1) In the interest of firefighter safety, the cab shall meet or exceed the ECE R-29 crash
269 worthiness standard. Third party certification of the actual test results must be provided.

270

271 **17. General Construction**

272 17.1) The general construction of the apparatus shall give due consideration to distribution of the
273 load to be sustained, and to the general character of the service to which the vehicle will be
274 subjected when placed in service. Ample safety factors must be provided.

275 17.2) The apparatus body must be of the all aluminum or stainless steel modular type and shall be
276 completely assembled prior to installation on the chassis.

277 17.3) Special consideration will be given to the following points: accessibility of various
278 components requiring periodic maintenance, ease of operation, and symmetrical proportions.

279 17.4) The apparatus shall not exceed the dimensions as follows:

280 ▪ 17.4.1) Overall length (bumper to bumper): 412 inches

281 ▪ 17.4.2) Wheel base: 213 inches

282 ▪ 17.4.3) Height (ground to highest point): 125 inches

283

284

285 **18. Cab and Chassis**

286 18.1) The cab and chassis shall be a full medium four door with a raised roof and flat floor
287 aluminum or stainless-steel tilt cab designed specifically for the fire service.

288 18.2) The chassis shall have the following features:

289 ▪ 6-person seating with 5 SCBA seats and an air ride seat for the driver. Standard seat for the
290 officer

291 ▪ SCBA seats shall be equipped with NFPA approved SCBA mounting brackets compatible
292 with Scott 4.5 SCBA (Model AP-75) which restrains the SCBA without the use of straps
293 and will release in a hands free manner.

294 ▪ Cab will be equipped with electric remote controlled heated mirrors

295 ▪ The cab shall be air conditioned

296 ▪ Color red with gray roof and gold reflective striping.

297 ▪ Cummins or Maxxforce diesel engine with 450 horsepower and 1750 lb/ft of torque
298 minimum

299 ▪ Allison automatic transmission

300 ▪ Secondary braking system (i.e. Jake brake or transmission retarder)

301 ▪ All Brakes shall have backing plates installed

302 ▪ Chassis will be equipped with On-Spot Automatic tire chains (no exceptions)

- 303 ▪ Right side exhaust equipped for compatibility with “Plymovent Magnetic” exhaust
304 extraction system
- 305 ▪ Front bumper with include tow hooks, air horns and electronic siren speaker(s)
- 306 ▪ All tires to be Michelin or Goodyear with mud and snow tread on the drive axle, front tires
307 must be balanced.
- 308 ▪ Heavy duty Mud flaps will be installed on all 4 sets of wheels
- 309 ▪ Shoreline and Air Line shall be installed inside of the driver’s compartment
- 310 ▪ A speedometer shall be installed within the vision of the officer’s side of the cab
- 311 ▪ A back up camera shall be installed and protected on the body of the apparatus. The camera
312 make and model must be supplied with the proposal.

313

314 **19. Body**

315 19.1) It is not the intent of the department to specify exact compartment size, location and body
316 layout as the department shall review the layout and storage configurations in an effort to purchase
317 a vehicle that best meets the current and future needs of the department.

318 19.2) A maximal amount of Compartment space in the apparatus body shall be provided. Total
319 “useable” compartment space and accessibility to it shall be a key consideration. Compartment
320 space will be calculated as clear space available with compartment doors open. The cubic feet
321 measurement of usable compartment space must be provided.

322 The calculation of “useable” compartment space shall not include the following:
323 Compartments (or any portions thereof) that are occupied by pump modules and/or pump
324 controls including intakes and/or discharges, compartments dedicated exclusively to
325 internal storage of ground ladders and/or long handled tools (pike poles etc.), wheel well
326 compartments for the storage of SCBA bottles, portable water tank or compartment space
327 within the cab and front bumper

328 19.3) A detailed blueprint drawing of the actual body and compartment layout for each vehicle
329 proposed shall be submitted for department review. This blueprint shall clearly indicate the total
330 “useable” compartment space. Any proposal not providing this information will be rejected.

331 19.4) Compartment space shall be provided to allow 6FT, 8FT and 12FT standard style pike poles

332 19.5) Roll out trays (4) to be located on floor of full height compartments and in tailboard
333 compartment (exact compartments to be so equipped TBD)

334 19.6) Roll out tool boards (2) to be located in one of the full height compartments on adjustable
335 mounting track to allow lateral adjustment within the compartment (location TBD)

336 19.7) Minimum (1) adjustable (non-sliding) shelf in upper half of each full height compartment

337 19.8) Horizontal compartments will be installed in the wheel well areas to accommodate a
338 minimum of 6 Scott 4.5 SCBA bottles.

339 19.9) All ground ladders will be stowed enclosed inside the body behind a latching door(s)

340 19.10) Two 10' lengths of Hard Suction will be stowed enclosed in the body behind a latching
341 door(s)

342 19.11) Folding portable water tank storage inside the body

343 19.12) Hard suction hose and folding portable water tank will be accepted to be placed on electric
344 or hydraulic lift on the officer's side of the truck

345 19.13) Hose Bed covers to be hinged with gas strut lift assist

346 19.14) Main hose bed capacity for 1200' of 5" supply hose, 400' of 2 1/2".

347 19.15) Hose bed to be equipped with a minimum of (2) full length adjustable hose bed dividers.
348 Dividers will not be used to support the hose bed cover.

349 19.16) Cross lay hose bed to accommodate (2), 200' x 1 3/4" pre connected foam attack lines

350 19.17) Cross lay hose bed to accommodate (1), 200' x 2.5" pre connected attack line

351 19.18) Stowage for 3 fire extinguishers suitable to the purchaser

352

353

354 **20. Pump/Tank**

355 20.1) Minimum 2500-gallon polypropylene water tank UPF Poly-Tank III or equivalent with
356 lifetime warranty

357 20.2) 10" Dump Valve shall be installed with the ability to dump off three sides

358 20.3) Large Color Coded Water Tank Level lights will be installed on both sides and the rear.

359 20.4) Minimum 30-gallon foam cell integral to the water tank

360 20.5) Minimum 1500 gallon per minute single stage pump. Fabricated piping for both foam and
361 water shall be constructed on a minimum schedule 10 stainless steel.

362 20.6) Apparatus will be equipped with a Class 1 (or equivalent) Electronic Pressure Governor

363 20.7) An Air Driven oil less primer will be installed

364 20.8) Apparatus will be equipped with a Foam Pro (or equivalent) direct injection foam system
365 plumbed to provide Class foam to both 1 3/4" crosslays and at concentration rates from 0.1% to
366 1.0%

367 20.9) Deck gun will be piped and supplied to be Akron Apollo High Riser with stack tip set for
368 flow of 1250 GPM @ 80 psi. Deck Gun must have 360 degree use without obstruction of the cab,
369 body or warning lights.

370 20.10) Pump compartment will be protected from freezing during cold weather operations utilizing
371 heat pans and/or pump house heaters

372 20.11) Pump controls will be side mounted behind the cab and ahead of the rear wheels and shall
373 be enclosed when possible in the most forward compartment

374 20.12) A single rear 2-1/2" tank fill shall be supplied

375 20.13) Rear hose bed shall have a single pre-piped 2-1/2" Discharge. This discharges to be piped
376 to the head of the hose bed.

377 20.14) 4" or greater discharge will be piped on the officer's side of the truck with a 5" Stortz
378 connection.

379 20.15) A 6" large diameter intake must be installed on either the front or the rear of the apparatus.
380 Preferably the rear.

381

382 **21. Twelve (12) Volt Electrical**

383 21.1) All warning and compartment lights to be LED

384 21.2) Apparatus to be equipped with both an Electronic Siren and a Federal Q2B mechanical siren
385 with switches to be provided for both the officer and driver to activate the Q2B

386 21.3) Apparatus to be equipped with a 3 gang 12 volt outlet near the center of the dash

387 21.4) All compartments shall be prewired with a 12 volt connection capable of carrying a minimum
388 20 amps for the purpose of supplying power to flashlight chargers, radios, etc.

389

390 **22. AC Electrical**

391 22.1) Apparatus will be equipped with an on board Kussmaul Autocharge 4000 charging system
392 to maintain battery voltage while in the station

393

394 **23. Miscellaneous/Loose Equipment**

395 23.1) An allowance in the amount of \$3500 shall be provided for custom tool mounting

396 23.2) Apparatus will be equipped with (3) scene lights – 12V LED (minimum 5000 lumen output
397 each) to allow spotting of house numbers and safe operation around the apparatus, minimum (1)
398 fixture each side and (1) front facing

399 23.3) (2) – 10-foot lengths of 6" NH PVC NFPA suction hose with rocker lugs will be provided

400 23.4) Alco Lite or Duo-Safety ground ladders to be provided as follows: 24' extension, 14' roof,
401 10' folding attic

402 23.5) (5) Vulcan LED hand light all with 12V chargers to be mounted in the cab (exact location
403 TBD)

404 23.6) Vendor will mount and install purchaser provided UHF and VHF radios.

405 23.7) An allowance in the amount of \$1,500 shall be provided for custom lettering to be done by
406 a vendor selected by the purchaser.

407 23.8) One, minimum of 2000-gallon capacity folding portable water tank

408

409 **24. Trade in Allowance**

410 25.1) All proposals shall include a Trade in Allowance on the following described vehicle

411 ▪ 25.1.1) 1993 Freightliner L70/Central Mistakes 1250 gpm/1000 gal pumper. VIN:
412 1FV6HLCBORL65O139

413 ▪ 25.1.2) 2003 Freightliner L70/Central States 1250 gpm/1000 gal pumper. VIN:
414 1FVABXBS32HH62062

415 ▪

416 ///
417

418 **PART 2: TYPE 1 AMBULANCE**

419 1. Paint and Graphics: Body and cab shall be painted gray over red. Shades to be determined by
420 purchaser. Purchaser provided decals will be installed. Vinyl lettering shall be done to purchaser's
421 requirements. Proposer shall provide recommended options for lettering and graphics.

422 2. Cab and Chassis. The proposer shall acquire a 2019 or newer Ford F-550 Super duty 4x4,
423 108" CA XLT Trim chassis with ambulance prep package 47A. The patient box must fit a Ford
424 F-Series chassis. Purchaser's Ford Identification number (FIN) is QZ456.

425

426 3. Powertrain:

427 4. Engine: 6.7L Powerstroke, Turbo Diesel V8 300 hp @ 2800 RPM, 660 lb Torque at 1600 RPM.
428 Single stage turbo charger. Instant start glow plugs for quick engine starts.

429 5. Diesel emissions fluid (DEF) 6-gallon tank — mounted behind frame rail on driver's side.
430 Intelligent oil life monitor. Engine block heater. Water pump with 125 GPM flow rate.

431 6. Transmission: Heavy Duty Torq Shift six speed automatics. Electronic shift on the fly w/
432 automatic hubs with manual override.

433 7. Fuel capacity: 40 gallons.

434 8. Exhaust: Must discharge to right side of vehicle. Exhaust must be equipped with a Gibson 8001
435 connection kit to accommodate Plymovent. Ambulance Ford prep-package: 47A

Request for Proposal Fire & EMS Apparatus 2020 Goodwin's Mills Fire-Rescue

- 436 9. Dimensions (Approximates):
- 437 10. Interior Dimensions: Height: 72"
- 438 11. Length: 165"
- 439 12. Width: 90"
- 440 13. Overall length: 302"
- 441 14. Overall width: 99"
- 442 15. Overall height: 112" (all figures are approximate)
- 443 16. AC Electrical
- 444 17. Alternator: 355 amp combined output. OEM Ford F-Series.
- 445 18. Dual Ford OEM. 1500CCA. Underhood.
- 446 19. Load Manager/ Sequencer: Kussmaul. Full-time.
- 447 20. All warning and component lights to be LED.
- 448 21. Vehicle to be equipped with an Electronic Siren.
- 449 22. Selected compartments shall be prewired with a 12-volt connection capable of carrying a
450 minimum 20 amps for the purpose of supplying power to flashlight chargers, radios, etc.
- 451 23. The proposer will include installation of an emergency lighting to the chassis. Red warning
452 lights to the grill area, wig-wag head lights, and intersection lights in the left and right fenders.
453 Emergency lighting shall meet or exceed applicable national standards.
- 454 24. Miscellaneous / Loose Equipment
- 455 25. Proposer will acquire and install a Stryker power loading system and provide for modification
456 of current Stryker stretcher.
- 457 26. Left rear compartment shall accommodate 2 SCBA, and turnout gear for 2 firefighters.
- 458 27. Hard mount for a Physio Lifepak 15 will acquired by and installed by the proposer.
- 459 28. A location shall be identified for the installation of a Knox narcotics vault.
- 460 29. Optional Equipment
- 461 30. Mount and install purchaser provided mobile radios, portable radios, flashlights, ancillary
462 equipment, etc.
- 463 31. The proposer will provide an allowance for the mounting of purchaser provided equipment.
- 464 32. Trade in Allowance

465 33. All proposals shall include a Trade in Allowance on the following described vehicle: 2006
466 Ford E450 Type III Ambulance VIN: 1FDXE45P76DB12854

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469 **PART 3: FINANCING**

470 Provide financing and lease-purchase options for purchasing these vehicles individually or as a
471 package. Include amount to finance, interested rates, financing charges, annual payment and all
472 other costs associated with a financing or leasing option. Provide information on the following
473 financing terms; 5-years, 7-years, 10-years and 12-years.

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