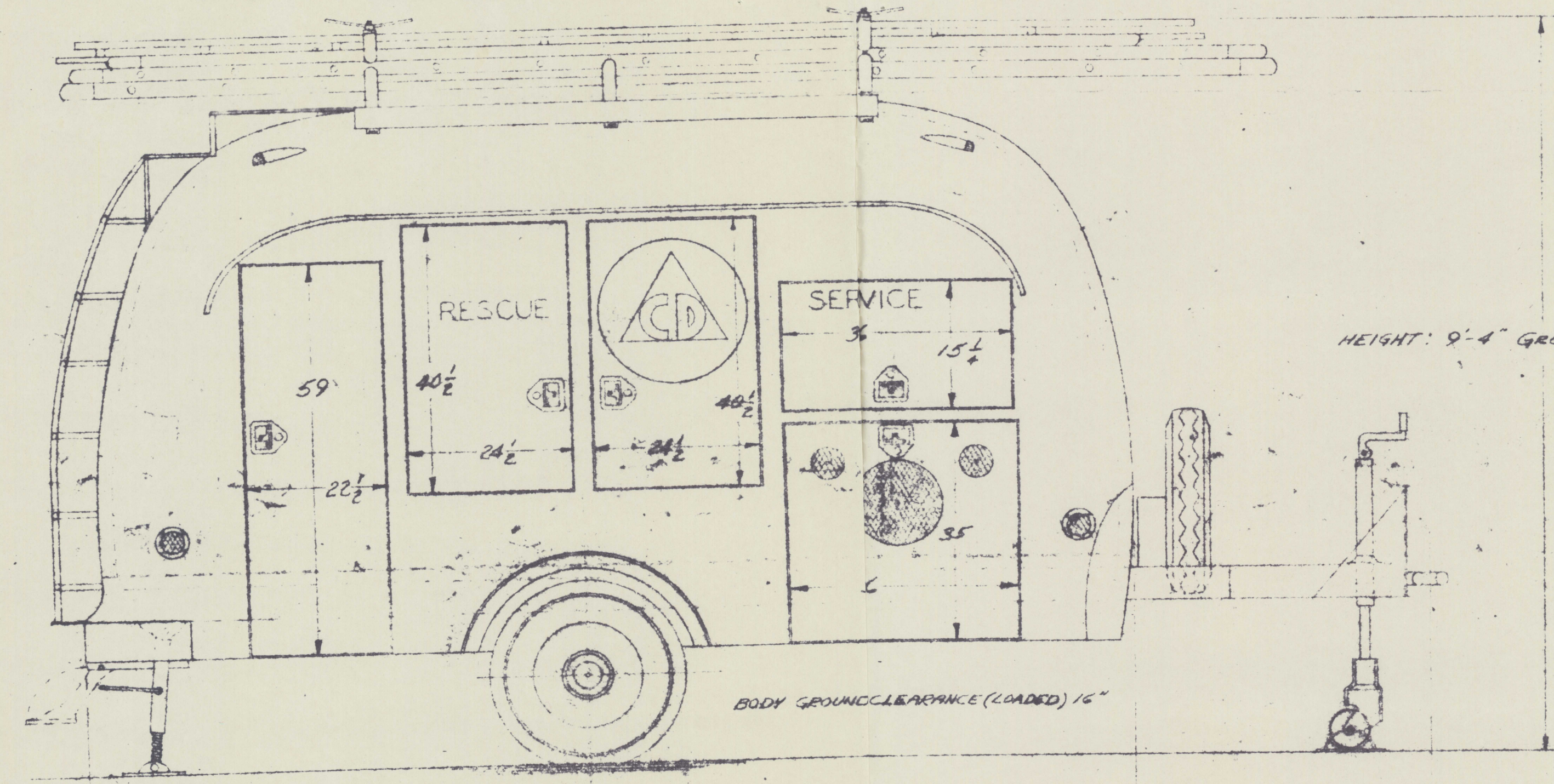


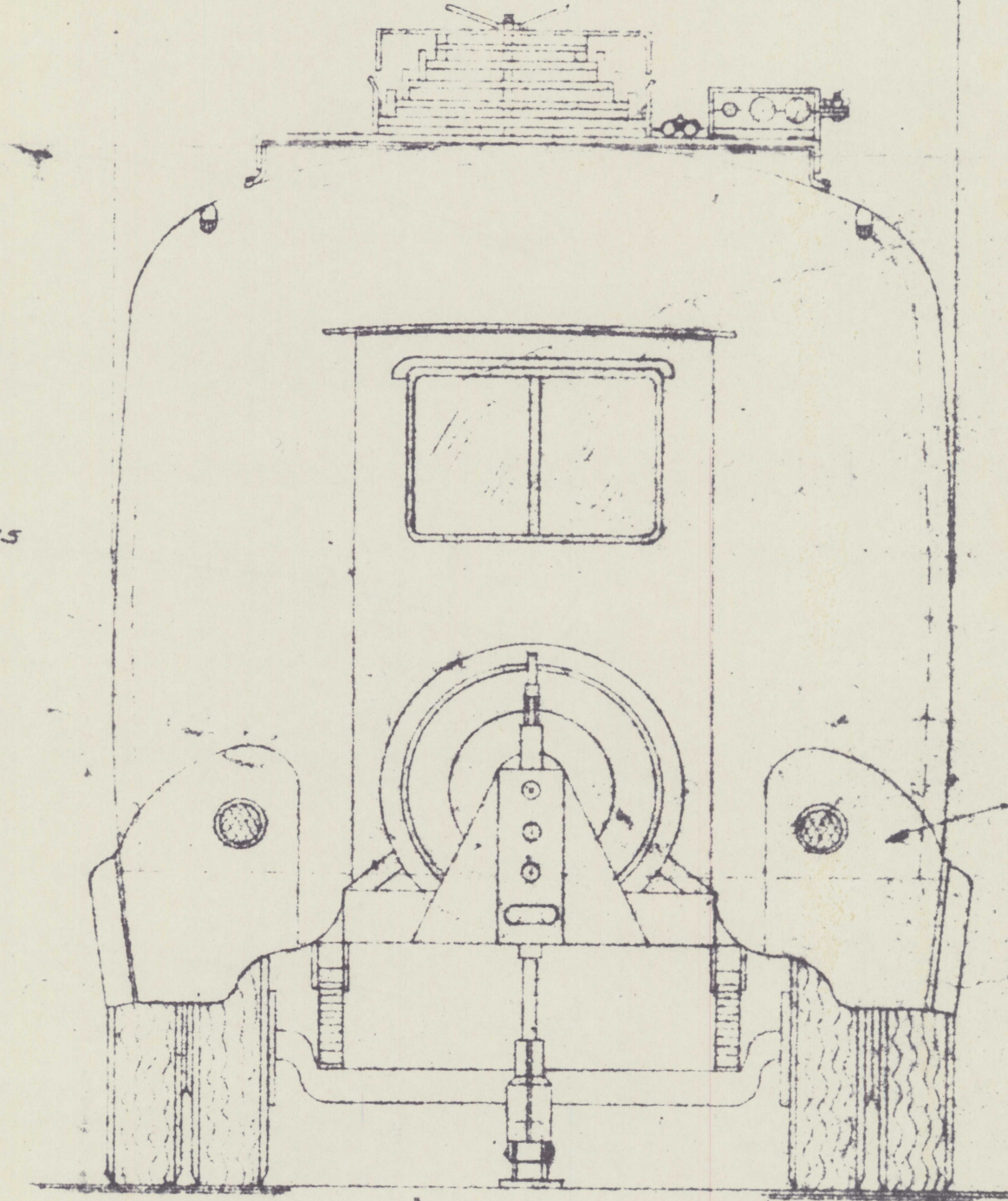
4" TRACK



13'-0 3/4" BODY LENGTH

16'-9" REAR BUMPER TO CENTER LUNETTE EYE

GENERAL SPECIFICATIONS
 TIRES - 7.00 X 16 6 PLY
 AXLE - 6000 LBS. CAPACITY



In consideration of the premises, City hereby agrees to pay to Contractor the sum of Six Thousand One Hundred Ninety-four and Fifty/Hundredths Dollars (\$6,194.50) upon the delivery to and acceptance by the Commissioner of Public Safety, or his duly authorized representative, of the Rescue Trailer with tools and equipment purchased hereunder.

IN WITNESS WHEREOF, Contractor has caused this contract to be executed in triplicate, and City has caused the same to be executed in triplicate by its Mayor and its Auditor, all on the day and year first above written and pursuant to Ordinance No. 101103.

SCHETKY EQUIPMENT CORPORATION

By *W. L. Schetty*
Pres.

CITY OF PORTLAND

By *Fred L. Peterson*
Mayor-Commissioner of Public Safety

By *Will Gibson*
Auditor

APPROVED AS TO FORM:

Alexander F. Brown
City Attorney

(This contract prepared in the office of the City Attorney, Portland, Oregon, in accordance with specifications hereto attached.)

Contract - 2
October 27, 1954

77 PJ/dh

EXHIBIT "A"

BIDS OPEN

DATE OCT 14 1954 2 P.M.

CERTIFIED CHECK OR BIDDERS BOND
must accompany bid. Successful bidder
must furnish A 100% BOND for
faithful performance of contract.

CITY OF PORTLAND, OREGON

FRED L. PETERSON, MAYOR

SPECIFICATIONS FOR RESCUE TRAILER

WITH TOOLS AND EQUIPMENT

BUREAU OF DISASTER RELIEF AND CIVIL DEFENSE

JACK LOWE, DIRECTOR

CITY OF PORTLAND, OREGON

Information for Bidders

SPECIFICATIONS FOR FURNISHING ONE (1)
RESCUE TRAILER WITH TOOLS & EQUIPMENT
for the
BUREAU OF DISASTER RELIEF & CIVIL DEFENSE
DEPARTMENT OF SAFETY

Sealed proposals will be received at the Bureau of Purchases, Room 208, City Hall, Portland 4, Oregon, for furnishing F. O. B. Portland one (1) rescue trailer with tools and equipment.

GENERAL

The rescue trailer furnished shall be new, of design comparable to the attached drawing, adapted for use in rescue operations, and so engineered as to be towable at highway speeds of 40 MPH. Tools and equipment furnished shall comply with FCDA specifications Class VIII.

DIMENSIONS

The Rescue Trailer shall have an inside floor length of 12' 4 3/4"; an inside height of 68" under the roof lining; an outside width of 80" over the rub rail; an overall length of 16' 9 1/2"; and an overall height (with ladders) of 9' 6".

MATERIALS

The framework, consisting of pillars, sills, rails, frames, panels, and crossmembers shall be of die formed steel of adequate structural strength. All points of stress shall be properly reinforced with gussets, and the entire framework securely welded into one unit. All bolts and self-tapping screws to be provided with proper lock washers on lock nuts.

All wood parts used in the structure shall be kiln-dried hardwood, chemically treated with fungicide, and painted before assembling.

FLOORING AND CROSS SILLS

The body floor panels shall consist of 14 ga. (.074) steel with edges formed to incorporate the crossmembers at each pillar. The span between the pillars shall have two (2) crossmembers of 18 ga. (.047) spot-welded to the floor panels. The floor sections shall be welded together forming a continuous floor over the entire trailer body.

The top surface of the floor between the interior cabinets shall be covered with Mastipave or equal securely cemented in place.

WHEELHOUSINGS

Arched wheelhousings shall be formed of 18 ga. (.047) steel, of one piece die formed construction and of sufficient size to clear the tires in full slam position. The housings shall be welded into the floor and side sections with all joints securely sealed against the entrance of dust and water.

WHEEL CLEARANCE

The body side panels shall have a cut-out of ample size to permit changing of tires. Edge of cut-out to be protected by a split tube, or equal, welded

into place.

ROOF

The roof bows, of 16 ga. (.059) steel flanged channels curved to the roof contour, shall be welded to 14 ga. (.074) steel "Z" shaped roof carlines. Roof carlines are bolted to the side carlines forming a continuous arch - at each pillar from side sill to side sill.

The exterior roof panels are to be 20 ga. (.035) steel, die formed deep drawing and stretcher level materials riveted to the roof bows. The inside roof panels are to be 22 ga. (.029) steel and to cover the under side of the bows.

SIDE, FRONT AND REAR FRAMES, AND PANELS

The side framework is to consist of 16 ga. (.059) steel flanged channel pillars curved at top to form roof quarters and welded to side carlines at top and 14 ga. (.074) sills at floor which form the skirting extending to the bottom of the body.

Front and rear pillars of the same material as the side pillars are to extend from the sills to the roof bows and be welded securely in place. Adequate bracing is to be welded into place joining the framework into a unified structure.

The exterior of the trailer is to be covered with die formed 20 ga. (.035) deep drawing steel panels securely riveted or spot welded to the frame structure. Door openings shall be framed with 16 ga. (.059) steel channels welded into the framework.

The interior panels shall be fastened to the frame structure with tapping screws and washers or blind type rivets.

A push-out ventilating window in front end of trailer shall be provided.

REAR DOOR

A door, 34" wide and 50" high is to be placed in the center rear of the trailer to give access to the interior. This door is to be equipped with a push-out, ventilating window as provided in front of trailer. The door is to be hinged on the right (curb side) and be equipped with a key locking handle. Sponge rubber weatherseal shall be used to gasket the door around the entire door. Holdback to be provided to hold door open in at least 90° open position. Folding step to be provided below rear door.

EXTERIOR COMPARTMENT DOORS

These doors are to be constructed of 20 ga. (.035) steel panels on a steel frame work and hinged with piano type continuous hinges, key locked. All doors shall be equipped with devices to hold them firmly in their opened positions.

The horizontal doors are to be hinged at the top and held closed with counter-sunk locks equipped with flush type handles, key locked. All exterior compartment door handles (except rear door) are to be recessed and door latches to be Eberhard (Recesso) slam type locks with integral cylinder locks, Eberhard No. 4878, or equal. All compartment doors must be capable of being opened by a

single key.

ROOF LADDER RACKS

Ladder racks are to be installed on the roof of ample size and strength to carry one 24 ft. extension ladder, one 12 ft. scaling ladder, and one 10 ft. folding ladder. The vertical brackets or supports are to be made of 1/4" x 2" hot rolled bar with 12 ga. (.104) gussets and are to be securely bolted to the roof. An angle iron 1/4" x 1 1/4" x 1 1/4" cross-wise of the body is to be installed to connect the front brackets and a 1" pipe roller is to be installed at the rear bracket to permit easier loading and unloading of the ladders.

Ladders are to be secured to the racks by means of two (2) clamping devices, one each near the front and rear of the trailer on the roof at the centerline. Clamping device to consist of (1) threaded bolt, universally swiveled where it fastens to the roof, (2) steel bar with hole in center which slips over threaded bolt, (3) large, wing type nut to apply pressure to ladders.

A cat walk of non-skid material is to be mounted on the right side of roof along side the ladder racks. Access to the cat walk is to be made by means of permanently attached 1" tubular steel ladder.

Brackets are to be installed along the left side of the ladder racks to hold the two iron-shod levers and pike pole.

COMPARTMENTS

Compartments are to be constructed inside and outside the trailer body with sizes and locations as shown on drawing LO 1049 D. All compartment partitions, shelves, and inner doors are to be made of fir plywood and/or steel with the exception of the lower portion of the outer compartments from the floor down, which are to be made of 1/4 ga. (.074) steel. These compartments are to be furnished with adequate drain holes. All partitions are to be securely anchored to the body walks and floor by suitable means. Duck boards are to be furnished for four lower outside corner compartments.

The inside compartment doors are to be hinged with suitable cabinet hinges and are to be latched with locks equipped with heavy duty pull-down type handles.

Tunnels are to be provided on either side of aisle at floor level to accommodate four (4) Army type stretchers.

LIGHTING AND WIRING

The trailer is to be equipped with the following 6 volt lighting system:

- a. Combination stop and tail lamp.
- b. Corner marker lamps, amber front, red rear with switch near rear door.
- c. Two flush type dome lights with both 6 volt and 110 volt bulbs to be provided inside trailer with switch for 6 volt lights to be provided near rear door.
- d. All wiring of ample size for the intended purpose and to be installed in a good workman-like manner in accordance with good commercial practice.
- e. There shall be a receptacle at the front end of the trailer suitably

protected from the weather to accommodate all trailer wiring for use in connecting to the towing vehicle. This cable shall control brakes, turn signals, and lights.

- f. One heavy duty cable shall be supplied with each trailer. Cable to have plug for receptacle at one end and at the other end control box for trailer brakes capable of ready attachment to whatever towing vehicle is available.
- g. Turn signals shall be flush mounted on both sides of rear of trailer.
- h. There shall be two wall outlets inside trailer for 110 volt system.

Reflectors are to be installed on the trailer in following locations:

- a. Two amber reflectors on front.
- b. Two amber reflectors on side near front.
- c. Two red reflectors on rear.
- d. Two red reflectors on side near rear.

PAINTING

The painting is to be done in accordance with good commercial practice. All exposed metal surfaces are to be cleaned with a solvent cleaner and primed. All unexposed surfaces are to be given a coating of oxide primer.

a. Exterior Paint.

- The roof down to the drip mouldings is to be painted with DuPont 99-1032 blue, or equal. The balance of the exterior to be painted with DuPont 99508 white, or equal. Wheels are also to be painted white.
- b. The interior of the compartments is to be painted a medium gray hammer ton.
- c. The interior of the trailer is to be painted two coats of light tan hammer-ton enamel.
- d. Wood cabinets are to be sealed with a toxic sealer and sanded smooth prior to painting.
- e. The underside of the flooring is to be properly coated with Witcote under-coating, or equal.

LETTERING

The Civilian Defense insignia is to be painted on both sides of the body and on the rear door, as indicated on the drawing. The circle is to be 22" in diameter with a blue background. Inside the circle is to be painted a white equilateral triangle, the three points of which are to extend to within 1 3/4" of the 22" diameter circle. In the triangle the circular letters "C D" in red and 9" in diameter are to be painted, the circumference of the 9" diameter is to form the circular part of the "C" and "D".

Over the insignia on the rear "Rescue Service" in blue letters 3" in height are to be painted in an arc. The words "Rescue Service" are to be painted on the sides in blue letters 3" high as indicated on the drawing.

TOOL LISTS

A tool list, firmly secured and weather-proofed, shall be conveniently installed within each compartment showing the list of tools to be contained within that compartment. In the case of palletted tools, a painted outline of each tool or the name below each tool will be acceptable. In either case, there shall be a sharp contrast in the tool marking paint and the background color.

NAMEPLATE

A metal name plate, 2 1/2" x 3 1/2" shall be attached to the right side of the trailer "A" frame near the tire carrier giving the manufacturer and serial number of the unit.

MOUNTING

The body shall be securely attached to the trailer chassis with mounting clips at each main crossmember and shear bolts at each end of the body, or by welding.

TIRE CARRIER

A tire carrier shall be provided at the front of the trailer on an "A" frame to hold the tire in a vertical position. The spare tire and wheel shall be attached to the body by web-straps or wheel lug bolts.

TRAILER CHASSIS

The trailer chassis shall consist of two (2) die formed 3/16" steel channels, 4" deep and approximately 34" apart. It shall have "X" type reinforcement to eliminate distortion. It shall be equipped with a drop center, tubular axle of 6000 lbs. capacity, springs, helper springs, electric brakes, front landing wheel, ground plate, and hitch. The hitch to be circular lunette eye type for quick attachment to the towing vehicle, i. e., truck, bus, or automobile.

The lunette eye must be capable of 12" maximum vertical adjustment upward from centerline of the drawbar. Safety chains for attaching to the towing vehicle are also required.

Tires: 7.00 X 16 ~ 6 ply duals.

Brakes: 1 1/2" x 2" electric

Wheels: Kelsey-H ayes, Motor Wheel or equal with 5.50 rims SDC.

Track: 64" center to center of duals.

TOWING DEVICE

One (1) towing device shall be supplied with each trailer which shall provide an emergency means of readily coupling the trailer to passenger car bumpers. In addition there shall be supplied an automatic truck coupler.

LEVELING JACKS

At each rear corner, permanently attached retractable ground jacks are to be furnished with ground plates at least 8" square. Ground plates to be carried in right hand rear compartment when in transit.

GRAVEL SHIELDS

Hard rubber gravel shields are to be provided on front of trailer extending up from bottom of skirt at least 8" and extending from "A" frame completely around front contour.

MOTOR GENERATOR COMPARTMENT

Two 1" x 1" x 1/8" angle guides are to be installed to locate and hold generator in place in center of compartment.

SEATS

Padded, fold-away, seats to accommodate three (3) persons to be provided inside trailer.

TOOLS AND EQUIPMENT LIST

<u>CD ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY PER TRAILER</u>
VIII-2	Axes, 4 lb., single bit, w/handles	2
VIII-4	Bands, webbing, for casualty handling	2
VIII-5	Bags, burlap, 60# cap., sand	48
VIII-6	Bars, pinch, 30" long	1
VIII-7	Bars, wrecking, 1" gooseneck, claw & pinch point, 30" long	2
VIII-10	Bits, 1" auger	2
VIII-11	Blankets, asbestos, protective, w/canvas container	1
VIII-138	Blankets, paper	10
VIII-12	Blankets, cotton & wool	8
VIII-13	Boots, rubber, pullover shoe, short, U. S. rubber or equal (pair)	8
VIII-14	Brace, ratchet head	1
VIII-15	Buckets, galvanized, 1 1/2-qt, heavy gage	6
VIII-16	Can, safety, gasoline, 1-gal.	1
VIII-17	Canteens, wo/cup	8
VIII-18	Chains, 6' long, 15 - swt.	2
VIII-19	Chains, 6' long, 2 - ton	1
VIII-20	Chisels, stone (bull points) 3/4" x 9"	2
VIII-21	Chisels, hand, cold, 12" length	2
VIII-22	Chisels, stone (bull points) 1" x 12"	2
VIII-25	Coats, rain, jacket, medium length	8
VIII-26	Container, debris, bucket type	8
VIII-26	Container, water, drinking, 5 - gal. cap.	1
VIII-112	Container, gas, safety, 5 - gal. cap.	1
VIII-102	Tarpaulin, 8' x 10'	1

Tools & Equipment Cont.

<u>CD ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY PER TRAILER</u>
VIII-125	Cord, extension, 100', for floodlights, w/twist lock waterproof connectors	5
VIII-126	Cord, extension, 50', for floodlights, w/connectors	2
VIII-28	Cord, sash, cotton braided, 15' long	8
VIII-29	Coveralls, 4 medium & 4 large	8
VIII - 31	Crayon, lumber marking, red, yellow	12
VIII-32	Crowbar, 66" length, w/chisel	2
VIII-33	Crowbar, 72" long, 1½ hexagon handle, w/mushroom & flat ends	2
VIII-34	Cutter, bolt, 36" long, 5/8"	1
VIII-113	Cutter, pipe, 1/8" to 2", 3-wheel type	1
VIII-40	Gear, lifting tackle, 1½ ton cap.	1
VIII-41	Gloves, heavy debris (pair)	16
VIII-42	Gloves, rubber, insulating (pair)	2
VIII-44	Goggles, dustproof, shatterproof	8
VIII-45	H acksaw, frame, w/10 blades	1
VIII-139	Hammers, cross-peen, 3-lb. w/handle	2
VIII-46	Hammers, claw, 16-oz., w/handle	4
VIII-47	Hammers, sledge, 4-lb. w/handle	2
VIII-48	Hammers, sledge, 8-lb. w/handle	2
VIII-49	Hammer, sledge, 16-lb. w/handle	1
VIII-116	Hatchet, carpenter's	2
VIII-103	Heater, unit, single burner, pressure type, gas-burning for boiling water	1
VIII-50	H elmet, protective, wo/lighting bracket	8
VIII-51	Jacks, ratchet, 5-ton cap., w/lever	2
VIII-52	Jacks, ratchet, 15-ton cap., w/lever	2

Tools & Equipment Cont.

<u>CD ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY PER TRAILER</u>
VIII-107	Wrenches, pipe, 24" - Stilson	2
VIII-53	Jacks, screw, 5 - ton cap.	2
VIII-38	Kit, first-aid, belt-type, w/8 refills in separate container	8
VIII-56	Ladder, roof, 12' w/folding hooks	1
VIII-57	Ladder, extension, 28' - 2 - section	1
VIII-117	Ladder, collapsible, 10'	1
VIII-119	Lights, red-flashing, battery powered	4
VIII-59	Lights, flood, portable, generator powered	3
VIII-67	Lights, safety approved, battery	8
VIII-114	Mask, gas, filter type, w/cannister	4
VIII-66	Outfits, cutting, oxygen-acetylene, w/goggles & gloves, 2 spare oxygen tanks, 1 spare acetylene	1
VIII-68	Pick, point & chisel, w/handle	2
VIII-69	Pick, poll or mining, w/handle	2
VIII-70	Pliers, 8", comb., slip joint w/cutter	4
VIII-71	Pliers, 8", elec., wire-cutting, w/ins. handle	1
VIII-118	Pole, pike, 8'	1
VIII-72	Power unit, gas, drive, 2 $\frac{1}{2}$ K W, portable, AC	1
VIII-73	Pumps, stirrup, w/20' hose & jet nozzle	1
VIII-80	Rope, manila, $\frac{1}{2}$ " dia., 50' lengths	8
VIII-111	Rope, manila, $\frac{1}{2}$ " dia., 150' lengths	4
VIII-81	Rope, manila, $\frac{3}{4}$ " dia., 200' lengths	1
VIII-82	Rope, manila, $\frac{3}{4}$ " dia., 300' lengths	1
VIII-112	Rope, manila, 1" dia., 300' lengths	1
VIII-77	Rope, wire, $\frac{1}{4}$ " dia., 15' lengths, w/capped & eye ends for 6 lashings	6

Tools & Equipment Cont.

<u>CD ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY PER TRAILER</u>
VIII-78	Rope, wire, 3/8" dia., 10' length, w/shackle & eye ends	2
VIII-108	Wrenches, adjustable, crescent, 12"	1
VIII-79	Rope, wire, 5/8" dia., 50' lengths, w/hook & eye	2
VIII-129	Rulers, folding, carpenters, wood, 6'	1
VIII-84	Saw, chain, elec., 18" w/extra chain	1
VIII-85	Saw, crosscut, 4½ ft. blade	1
VIII-86	Saw, hand, 26" cutting edge	1
VIII-121	Saw, floor, silver steel, 10-pt., 18" lg.	1
VIII-122	Saw, power, elec., portable, 8", w/case Blades: Combination -2 Nailcutting -2 Carboloy -2	1
VIII-87	Saw, pruning, dbl. edge, 18" blade	1
VIII-88	Screwdriver, common, 16½"	1
VIII-123	Shears, tinners, 12" (snips)	1
VIII-89	Sheeting, rubber, black, 45" wide, 84" long	8
VIII-90	Shovel, round, pointed, long handle	2
VIII-91	Shovel, square mouth, D-handle	2
VIII-92	Shovels, tunneling, short D-handle, 18" long	2
VIII-94	Stakes, metal, 30" long, 1" dia.	8
VIII-95	Stretchers, latest army type (canvas)	4
VIII-124	Stretchers, stokes type	1
VIII-144	Tackle block, manila rope, 8" (snatch)	1
VIII-96	Tackle block, manila rope, 6" (2-sheave)	2
VIII-97	Tackle block, manila rope, 6" (3-sheave)	2
VIII-98	Tackle block, manila rope, 6" single-sheave snatch	2
VIII-143	Tackle block, manila rope, 4" (2-sheave)	8
VIII-147	Tackle block, 5/8" wire rope (single sheath)	2

Tools & Equipment Cont.

<u>CD ITEM-NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY PER TRAILER</u>
VIII-101	Telephone set, self-energizing, w/400 ⁰ of wire, complete	1
VIII-137	Tape, 50 ⁰ metallic, graduated in inches and sixteenths	1

DELIVERY

Bidder shall state earliest approximate date delivery will be made of Rescue Trailer with Tools and Equipment as specified.

CERTIFIED CHECK OR BID BOND

With each proposal must be deposited a certified check or bid bond in the amount of 10% of the amount bid, payable to the order of the City of Portland, Oregon, to be forfeited as liquidated damages in case the bidder who is awarded the contract fails to execute it and furnish performance bond or bonds within ten days after receiving notice of the award. All such checks or bid bonds may be retained by the City for a period of at least twenty (20) days from and after the date of opening of bids.

The successful bidder will be required within ten days after the bid has been accepted to execute and deliver to the City of Portland a satisfactory performance bond in the amount of 100% of the accepted contract price, and to submit satisfactory evidence of all insurance coverage that may be required by the contract or specifications.

ORGANIZATION

The bidder shall state whether he is doing business as an individual, a co-partnership or a corporation, and if incorporated, in what state, and is a co-partnership, shall give the names of all partners; and the person signing on behalf of a co-partnership or a corporation shall state his position with the firm or corporation, and state whether the corporation is licensed in the State of Oregon.

RIGHT TO REJECT BIDS

The City reserves the right to reject any and/or all bids in whole or in part.

(Bidder's attention is called to the requirements of ORS Chapter 279, and to the provisions of Sections 5-422 and 5-1801 of Ordinance No. 76971 (Public Works Code of the City of Portland)).

TRIPPLICATE

THIS CONTRACT, made and entered into this first day of November, 1954, by and between the SCHETKY EQUIPMENT CORPORATION, an Oregon corporation, hereinafter called Contractor, and the CITY OF PORTLAND, a municipal corporation of the State of Oregon, by its Mayor and Auditor, hereinafter called City;

W I T N E S S E T H:

For and in consideration of the total sum of Six Thousand One Hundred Ninety-four and Fifty/Hundredths Dollars (\$6,194.50) to be paid by City, Contractor hereby agrees to sell, furnish and deliver one (1) Rescue Trailer complete with tools and equipment, f.o.b. Portland, to the Bureau of Disaster Relief and Civil Defense, Department of Public Safety of said City, all in strict accordance with the specifications marked Exhibit "A", attached hereto and by this reference made a part of this contract and also in accordance with the proposal of Contractor dated October 14, 1954, the acceptance of which proposal was recommended by the Purchasing Agent's Report, Council Calendar No. 4634 (1954), which report was adopted by the Council and filed with the City Auditor, and as so filed made a part of this contract.

Contractor hereby agrees to save City free from all loss or damage that may result from the wrongful or unauthorized use of any patented article or process hereunder.

Contractor hereby agrees that delivery of said Rescue Trailer will be made within forty-five (45) days from date of receipt of order by City therefor.

All statutory, charter and ordinance provisions that are applicable shall be followed.

For the faithful and punctual performance of this contract, including the specifications as herein made a part hereof, Contractor hereby agrees to furnish to City a good and sufficient bond in the penal sum of Six Thousand One Hundred Ninety-four and Fifty/Hundredths Dollars (\$6,194.50), to be approved by the Mayor of the City of Portland, conditioned that said Contractor will faithfully and punctually comply with all of the provisions of this contract and will save City free from all loss or damage that may result from Contractor's failure so to do; that Contractor will fully secure and pay the just claims of all persons, if any there be, furnishing labor or material under this contract, and further conditioned that said Contractor will fully comply with all of the provisions of the charter and ordinances of the City of Portland and the laws of the State of Oregon relating to public contracts insofar as the same are applicable to this contract.

Contract - 1
October 27, 1954
FJ/dh