STATEMENT OF WORK

SCISSOR LIFT REPAIR

Background

MCB Camp Pendleton utilizes horizontal carousels to store thousands of Marine Corps equipment repair parts. The carousels are accessed multiple times daily utilizing scissor lifts manufactured by Autoquip - see the attached. The equipment maintenance contractor has indicated that one lift either needs to be repaired or replaced as soon as possible.

Objectives

To repair a scissor lift.

Scope

To provide and install the required parts needed to return the lift to a fully operational status.

Tasks

Task Number	Work Milestones	Projected Completion Date
2.1	Site Visit	TBD
2.2	Furnish materials	TBD
2.3	Installation	TBD
2.4	The TPOC will inspect the job when completed	TBD

1. Upon award, the contractor is to provide a repair start date to the TPOC once the contractor has received the required repair parts.

2. Place Of Performance:

The job site location is aboard MCB Camp Pendleton, Ca in building 2251.

2.1 – Site Visit:

Contractors are to attend a site visit to confirm required repairs

2.2 – Furnish Materials:

The contractor will provide the materials required as indicated below:

Leg assembly and hydraulics (base frame, cylinders, hosing)

2.3 – Installation:

The contractor is to repair the scissor lift.

Contractor Responsibilities:

~~DISTRIBUTION: DoW COMMUNITY ONLY~~

Remove damaged parts and place them outside of the building 2251

Install the new parts

Test the lift to ensure proper operation

Government Responsibilities:

Provide access to the building

Provide access to available power

Remove the damaged parts from the job site

2.4 – Completed Job Inspection:

The contract does not contain a Quality Assurance Survellance Plan (QASP); however, the TPOC will inspect the job for quality upon completion. Quality will be measured in accordance with the following:

Description Of Work

Contractors quoted materials at the time of the solicitation

3. Government Technical Point Of Contact:

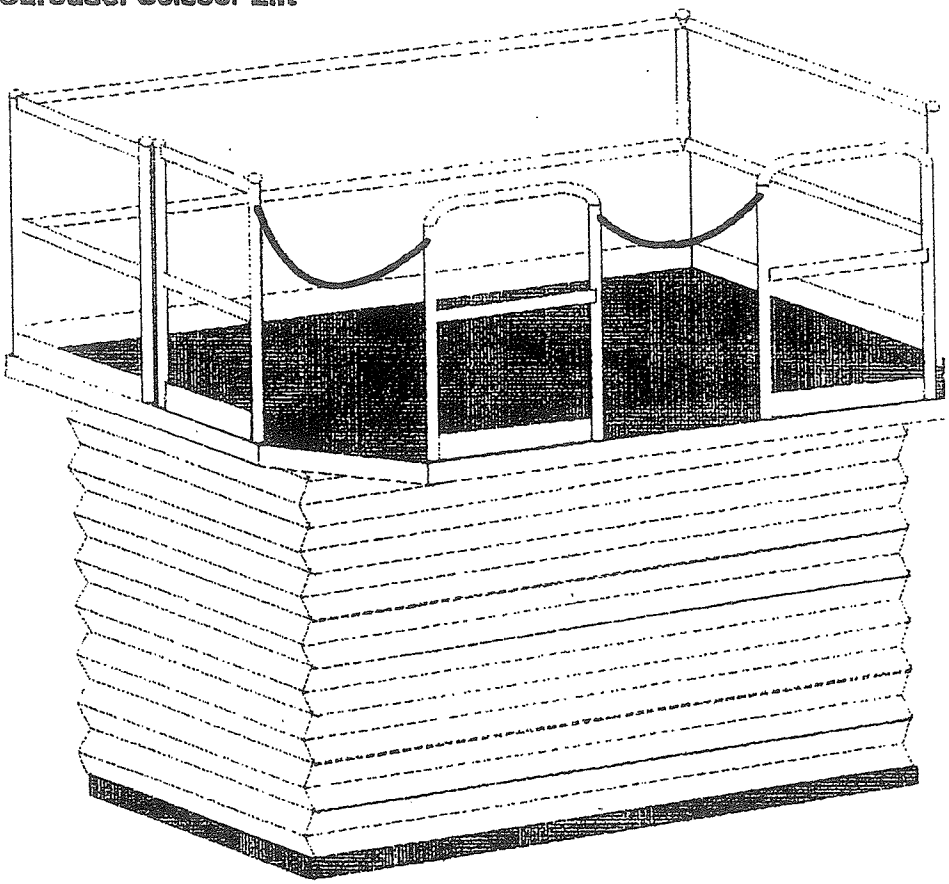
The Contracting Officer will designate a Government Technical Point Of Contact (TPOC) during the term of the contract. The TPOC will provide assistance in identifying and resolving problems and provide technical clarification and assistance in support of the contract. The TPOC DOES NOT have the authority to make changes and/or give direction under this contract. The only person that can authorize the above is the Contracting Office from the Regional Contracting Office MCI-WEST, Camp Pendleton, Ca.

Steve Elggren 760 725-3172 steven.elggren@usmc.mil

4. Base Access

DISTRIBUTION: DoW COMMUNITY ONLY

MANLIFT PERSPECTIVE DRAWING
72" Travel Carousel Scissor Lift



PLATFORM:	6' X 14'
MATERIALS:	1/4" Thick Smooth Flat Steel with Fine Oxide Grit Finish
LIFTING CAPACITY:	2,000 lbs., 1,000 lb. Side load, and 500 lb. End load
TRAVEL:	72"
LOWERED HEIGHT:	8", Approximately 4" of toe clearance when lift in lowered position
RAISED HEIGHT:	80"
RAISING AND LOWERING SPEED:	20 FPM, Standard Speed:20 FPM, utilizes an EFDYN oil dampened, spring return hydraulic shock absorber mounted in the base frame to cushion down stops at fully collapsed height.

POWER UNIT: The electrohydraulic power unit shall be self-contained and located remote from the lift. It shall consist of a 5 HP Super Torque 230V/460V 3 Phase/60 cycle high speed, heavy duty fan-cooled continuous duty motor vertically mounted, pressure pump, and Autotrol valve module mounted on an 11 gallon oil reservoir. The hydraulic gear pump shall have a flooded inlet. The valve module shall be a one piece anodized aluminum valve block containing: check, relief and regulator valves; suction strainer and high pressure return filter; intermittent duty lowering solenoid and provision for manually lowering the lift in case of power failure. The overall power unit dimensions shall be approximately 16" x 20" x 29" high, suitable for wall or floor mount. The power unit must be within 15' of the lift.

HYDRAULIC CONNECTIONS: Includes one 5' hydraulic hose for connection to lift. Capillary tubing on breather port cylinder.

CONTROLS: The lift shall be supplied with a NEMA-12 constant pressure "UP-DOWN" 115V push-button mounted on handrail, prewired to base frame mounted J-box. Provide/install height limit switch.

Provide reset switch for the carousles on the platform, connect to the NEMA-12 box. **Installer is to be certified by White Systems in order that the warranty remains in effect.**

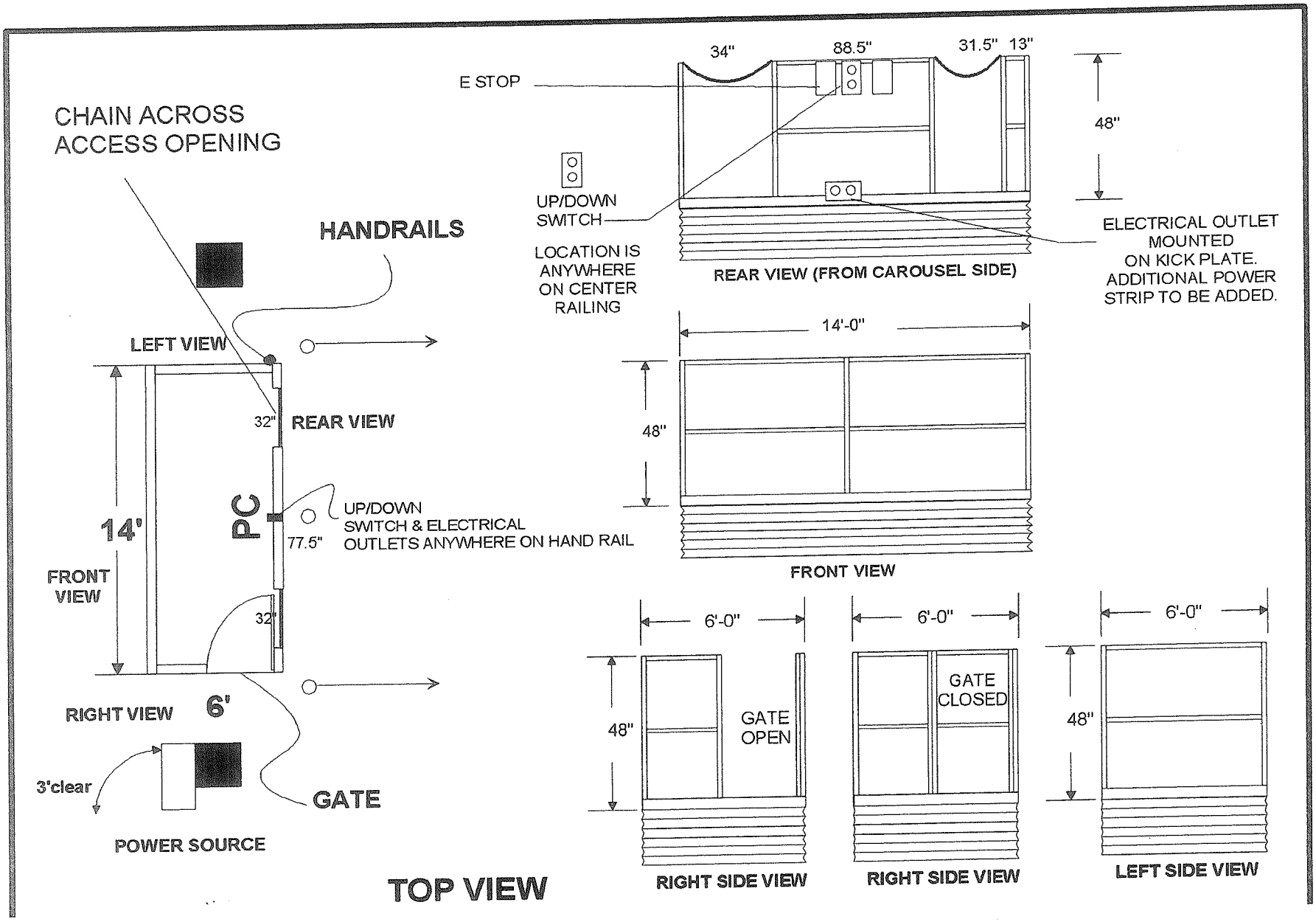
All contol wiring to be in a concealed wiring harness (wire management system).

NEMA-12 Magnetic motor starter and 115V transformer. Magnetic starter and transformer are pre-wired and mounted on remote power unit.

HANDRAILS: The lift shall be equipped with fixed handrails, 2 pick openings and a swing gate as required for the specific carousel system. The handrails shall be 48" high with a midrail and 4" kick plate and comply with OSHA Standard 1910.23e. Snap chains are required at the openings and a mechainical latch at the swing gate.

BEARINGS: All pivot points and roller shall be equipped with self-lubricated anti friction bearings, which never require any greasing or oiling. Grease fittings shall not be used.

SCISSORS LEG ASSEMBLY: Solid steel leg assemblies with three tubular steel cross members between legs used to provide maximum strength and rigidity. Roller end of legs shall be guided by platform runner bars to ensure leg to platform alignment under eccentric or dynamic loads.


CHAIN ACROSS
ACCESS OPENING
HANDRAILS
LEFT VIEW
32"
REAR VIEW
14'
PC
77.5"
UP/DOWN
SWITCH & ELECTRICAL
OUTLETS ANYWHERE ON HAND RAIL
FRONT
VIEW
32"
RIGHT VIEW
6'
3'clear
GATE
POWER SOURCE
TOP VIEW
E STOP
34"
88.5"
31.5"
13"
48"
UP/DOWN
SWITCH
LOCATION IS
ANYWHERE
ON CENTER
RAILING
ELECTRICAL OUTLET
MOUNTED
ON KICK PLATE.
ADDITIONAL POWER
STRIP TO BE ADDED.
REAR VIEW (FROM CAROUSEL SIDE)
14'-0"
48"
FRONT VIEW
6'-0"
48"
GATE
OPEN
RIGHT SIDE VIEW
6'-0"
GATE
CLOSED
RIGHT SIDE VIEW
6'-0"
48"
LEFT SIDE VIEW