SPECIFICATION

INTENT: The intent of this specification is to procure the services of a contractor to provide labor, materials and equipment to clean and sanitize Dempster Dumpster trash and garbage containers located throughout the Camp Lejeune/New River complex and to dispose of all liquid and solid waste in the manner prescribed herein.

SCOPE OF WORK: The cleaning operations to be accomplished under this contract shall encompass the following:

1. Cleaning of 116 dumpsters at food handling locations on a weekly basis.

   116 dumpsters X 52 weeks - 6032 cleanings/year.

2. Cleaning of 674 dumpsters at non-food handling locations on a twice a year basis.

   674 dumpsters X 2 cleanings/year - 1348 cleanings/year
   Total 7380 cleanings/year

3. The contract shall provide for a 10% increase or decrease in the number of dumpsters to be cleaned or the number of cleanings per year required and the contractor shall quote a unit price per cleaning to be used for additive or deductive changes to the basic contract.

CONTAINER SIZE: The following is a listing of the various container sizes with quantities of each:

SIZE	QUANTITY
12 Cu. Yds.	3
10 Cu. Yds.	13
8 Cu. Yds.	498
6 Cu. Yds.	139
5 Cu. Yds.	52
4.5 Cu. Yds.	22
4 Cu. Yds.	50
3 Cu. Yds.	12
2 Cu. Yds.	1

CLEANLINESS REQUIRED: The dumpsters are to be cleaned of all adherent putrescible and non-putrescible soils leaving a clear, clean surface inside and out. All waste matter from cleaning is disposed of in a proper manner which will result in the control of environmental pollution such as noxious odors, vermin propagation and drainage pollution.

METHOD OF CLEANING: A self-contained mobile equipment cleaner specifically designed to clean dumpster containers will be utilized. The mobile equipment cleaner will follow after a dumpmaster vehicle and clean containers after they are emptied. The mobile equipment cleaner will have its own water reserve and will be capable of recycling detergent water. This enables the equipment to wash containers for a full eight hour day before disposing of the water and residue.

EQUIPMENT SPECIFICATIONS: The cleaning equipment shall be so designed that the cleaning of containers is done completely inside the body of the unit and to preclude overspray or loss of water on surrounding areas which may cause possible sanitation problems. The unit must provide protection for the operator during the cleaning operation. The unit will be equipped with a 50 gallon quick recovery hot water heater, butane fired, capable of maintaining water temperature at 150-160 degrees FAH. The unit will carry a minimum of 300 gallons of water at all times with capability of using detergent, disinfectant and deodorant. It is also required that it have the capability of delivering water to the cleaning spray nozzles at 1000 PSI. The containers being cleaned inside the vehicle must be completely cleaned inside and out. All refuse will be collected in a sump having a capacity of 5 cubic yards. All refuse is to collect inside the sump of the truck and the water recycled. Liquid waste from the sump will be pumped into the sanitary sewer system and solid waste shall be hydraulically dumped having a ram for ejection of the waste at the sanitary landfill. The cleaning unit shall have its own diesel power plant. Unit water pumps will deliver 25 gallons per minute at 150-160 degrees F and 1000 PSI. The unit shall be capable of lifting all of the container sizes specified above and the lifting lugs shall have a maximum capacity of 4500 pounds and be capable of lifting a 10 cubic yard container which weighs approximately 3000 pounds empty.

WASTE DISPOSAL: Solid waste will be discharged at the sanitary landfill and liquid waste will be discharged into a designated holding tank at the main sewage disposal plant.

CHEMICALS USED: Detergents, disinfectants and deodorants used shall be biodegradable and must be such that no harmful effects will be caused by introducing them into the base sewage treatment plant. Detergent solution shall be maintained in a 6.0 to 9.0 PH range.

LOCATIONS OF
FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
FC303	Force Troops	2
FC318	Force Troops	1
521	Area 5	2
508	Area 5	2
524	Area 5	2
424	Area 4	3
411	Area 4	2
403	Area 4	2
425	Area 4	2
325	Area 3	2
322	Area 3	2
226	Area 2	3
225	Area 2	2
251	Bus Station	3
106	Area 1	2
122	Area 1	2
125	Area 1	1
3	W.R. Area	1
4	W.R. Area	1
9	W.R. Area	3
1209	Industrial Area	2
1041	Industrial Area	3
1006	Industrial Area	2
1943	Stone Street	1
825	Stone Street	3
5400	Berkley Manor	1
	Golf Course	2
	"O" Club	1

BLDG. NO.	LOCATION	QUANTITY
M424	Montford Point	4
M324	Montford Point	1
M134	Montford Point	3
M240	Montford Point	2
G640	Camp Geiger	4
G615	Camp Geiger	2
710	Air Station	1
901	Air Station	2
4012	Air Station	2
226	Air Station	2
TC1500	Air Station Road	2
RR3	Rifle Range	3
RR49	Rifle Range	1
RR10	Rifle Range	2
BB7	Courthouse Bay	4
BB27	Courthouse Bay	1
BB54	Courthouse Bay	2
BA103	Onslow Beach	1
BA114	Onslow Beach	2
H1	NRMC	7
H14	NRMC	1
H17	NRMC	4
H18	NRMC	1
H21	NRMC	1
H24	NRMC	1
TT60	TT-1	2
	TT-2	2
	BEQ	1

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY	BLDG. NO.	LOCATION	QUANTITY
45	Highway 24 Area	2	133	Regimental Area 1	1
B12	Main Gate	1	109	Regimental Area	1
896	New Hostess House	2	101	Regimental Area	1
	Bank	1	111	Regimental Area	1
PX84	Exchange	4	117	Regimental Area	1
895	Central Area	1	123	Regimental Area	1
89	Central Area	1	18	Regimental Area	1
51	Central Area	1	132	Regimental Area	1
66	Central Area	1	131	Regimental Area	1
64	Central Area	1	112	Regimental Area	3
62	Central Area	1	102	Regimental Area	1
59	Central Area	1	104	Regimental Area	1
58	Central Area	1	116	Regimental Area	1
67	Central Area	1	129	Regimental Area	1
37	Central Area	1	124	Regimental Area	2
80	Central Area	1	118	Regimental Area	1
25	Central Area	1	234	Regimental Area 2	1
54	Central Area	1	221	Regimental Area	1
11	Central Area	2	210	Regimental Area	1
8	Central Area	1	202	Regimental Area	1
15	Central Area	1	204	Regimental Area	1
1	Central Area	1	208	Regimental Area	2
41	Central Area	1	19	Regimental Area	1
23	Central Area	2	224	Regimental Area	1
24	Central Area	1	520	Regimental Area 5	1
	Catholic Chapel	1	518	Regimental Area	1
	Boat Basin	1	512	Regimental Area	2
343	Regimental Area 3	2	504	Regimental Area	1
309	Regimental Area	2	537	Regimental Area	2
307	Regimental Area	1	527	Regimental Area	2
332	Regimental Area	1	521	Regimental Area	1
321	Regimental Area	2	517	Regimental Area	2

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY	BLDG. NO.	LOCATION	QUANTITY
317	Regimental Area	1	511	Regimental Area	1
328	Regimental Area	2	515	Regimental Area	2
327	Regimental Area	1	506	Regimental Area	1
2	Regimental Area	1	507	Regimental Area	2
302	Regimental Area	1		Area 5 Parking Lot	1
335	Regimental Area	1		Area 5 Picnic Area	2
314	Regimental Area	1	765	Sewer Plant	1
310	Regimental Area	1	1117	Industrial Area	1
330	Regimental Area	1	1212	Industrial Area	1
300	Regimental Area	1	1118	Industrial Area	2
460	Regimental Area 4	1	1042	Industrial Area	1
435	Regimental Area	2	1106	Industrial Area	2
418	Regimental Area	2	1101	Industrial Area	1
432	Regimental Area	1	1113	Industrial Area	1
406	Regimental Area	3	1005	Industrial Area	2
401	Regimental Area	1	1102	Industrial Area	1
405	Regimental Area	1	1202	Industrial Area	5
413	Regimental Area	2	1302	Industrial Area	1
443	Regimental Area	1	1301	Industrial Area	1
421	Regimental Area	1	1403	Industrial Area	1
	Area 4 Parking Lot	1	1413	Industrial Area	1
1601	Industrial Area	2	1410	Industrial Area	1
1607	Industrial Area	3	1502	Industrial Area	4
1602	Industrial Area	1	1402	Industrial Area	1
1505	Industrial Area	1	1309	Industrial Area	1
1406	Industrial Area	1	1408	Industrial Area	1
1311	Industrial Area	1	1505	Industrial Area	1
1203	Industrial Area	2	1604	Industrial Area	1
1104	Industrial Area	2	1704	Industrial Area	1
1771	Industrial Area	1	1722	Industrial Area	2

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
1755	Industrial Area	1
1780	Industrial Area	2
1021	Industrial Area	1
738	Industrial Area	5
	Ind. Wash Rack	2
1115	Industrial Area	1
1108	Industrial Area	4
1111	Industrial Area	1
1200	Industrial Area	3
1300	Industrial Area	1
1401	Industrial Area	3
1500	Industrial Area	1
1610	Industrial Area	1
1612	Industrial Area	1
1700	Industrial Area	2
1606	Industrial Area	5
1501	Industrial Area	2
1402	Industrial Area	2
1301	Industrial Area	1
1201	Industrial Area	2
1101	Industrial Area	5
934	Industrial Area	1
1206	Industrial Area	1
1316	Industrial Area	1
1211	Industrial Area	2
907	Industrial Area	2
906	Industrial Area	1
915	Industrial Area	4
916	Industrial Area	1
1012	Industrial Area	1
1011	Industrial Area	2
1808	Regimental Area 6	1
1802	Regimental Area	4
1811	Regimental Area	2

BLDG. NO.	LOCATION	QUANTITY
1705	Industrial Area	1
1207	Industrial Area	2
1208	Industrial Area	1
928	Industrial Area	1
909	Industrial Area	4
TC185		1
903	Industrial Area	4
900	Industrial Area	1
902	Industrial Area	1
901	Industrial Area	4
TP448	Industrial Area	1
	USO	1
	Lot 201	1
	Lot 203	1
PT1	Industrial Area	1
PT5	Radio Station	1
PT30	Industrial Area	1
PT7	Industrial Area	1
S769	Outdoor Theater	1
904	Industrial Area	1
914	Industrial Area	3
827	Industrial Area	1
1116	Industrial Area	4
905	Industrial Area	2
TT44	TT-2 Area	1
TT2455	TT-2 Area	6
TT35	TT-2 Area	1
TT2477	TT-2 Area	3
TT43	TT-2 Area	1
33	Midway Park Area	1
	Ballfield	1
4021	Midway Park Area	2
4025	Midway Park Area	2
B109	Forestry Building	1

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
1810	Regimental Area	1
1812	Regimental Area	1
1817	Regimental Area	1
1824	Regimental Area	2
1832	Regimental Area	2
1835	Regimental Area	1
1828	Regimental Area	1
1826	Regimental Area	1
1841	Regimental Area	2
H31	Naval Hospital	1
H32	Naval Hospital	1
SH8	Naval Hospital	1
SH7	Naval Hospital	1
	TT-1 Ballfield	3
TT49	TT-1	1
TT41	TT-1	2
	Dumping Station	1
2426	Camp Knox Trailer Park	1
2436	Camp Knox Trailer Park	1
2435	Camp Knox Trailer Park	1
2505	Camp Knox Trailer Park	1
2515	Camp Knox Trailer Park	1
1919	Paradise Point Area	2
2613	Paradise Point Area	2
2603	Paradise Point Area	1
2607	Paradise Point Area	1
2624	Paradise Point Area	1
2627	Paradise Point Area	1
2604	Paradise Point Area	1
2602	Paradise Point Area	1
2601	Paradise Point Area	1

BLDG. NO.	LOCATION	QUANTITY
	Food Center	3
	Gas Station	1
2622	Camp Knox Trailer Park	1
2706	Camp Knox Trailer Park	1
	Scout Hut	1
2201	Camp Knox Trailer Park	1
2144	Camp Knox Trailer Park	1
2114	Camp Knox Trailer Park	1
2134	Camp Knox Trailer Park	1
2019	Camp Knox Trailer Park	1
2012	Camp Knox Trailer Park	1
2021	Camp Knox Trailer Park	1
2214	Camp Knox Trailer Park	1
2222	Camp Knox Trailer Park	1
2310	Camp Knox Trailer Park	1
2306	Camp Knox Trailer Park	1
2327	Camp Knox Trailer Park	1
2352	Camp Knox Trailer Park	1
2396	Camp Knox Trailer Park	1
2153	Camp Knox Trailer Park	1
BB49	Courthouse Bay Area	1
BB48	Courthouse Bay	1
BB45	Courthouse Bay	1
BB46	Courthouse Bay	1
BB12	Courthouse Bay	2
BB13	Courthouse Bay	1
BB14	Courthouse Bay	1
BB107	Courthouse Bay	1
BB9	Courthouse Bay	1
BB3	Courthouse Bay	1
BB86	Courthouse Bay	1

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
2985	Paradise Point Area	2
1944	Paradise Point Area	1
	Marston Pavilon	3
	PP Tennis Court	1
	Stone Street Ballfield	1
	Golf Course Maintenance	1
	Sitter Service	1
	Utility Division	1
A10	Boat Basin Area	1
A3	Boat Basin Area	2
A1	Boat Basin Area	1
39	Parking Lot	1
	Protestant Chapel	1
826	Field House Area	2
	Field House	2
14	Field House Area	1
RR238	Rifle Range Area	1
RR214	Rifle Range Area	2
RR24	Rifle Range Area	1
RR36	Rifle Range Area	1
RR33	Rifle Range Area	1
RR30	Rifle Range Area	1
	"A" Range Parking Lot	1
RR8	Rifle Range Area	1
RR14	Rifle Range Area	2
RR1	Rifle Range Area	1
SRR18	Rifle Range Area	1
RR40	Rifle Range Area	1

BLDG. NO.	LOCATION	QUANTITY
BB51	Courthouse Bay	1
BB31	Courthouse Bay	2
BB30	Courthouse Bay	1
	Carpenter Shop	1
	(2) New barracks	4
	Gun Park (FC Area)	1
FC11	French Creek Area	1
	Outdoor Theater	1
746	French Creek Area	1
GP1	French Creek Area	1
FC100	French Creek Area	2
FC200	French Creek Area	2
ES200	French Creek Area	1
1770	Post Office	1
FC312	French Creek Area	1
FC300	French Creek Area	1
FC302	French Creek Area	1
FC305	French Creek Area	2
FC306	French Creek Area	2
FC305	French Creek Area	2
FC309	French Creek Area	2
FC310	French Creek Area	1
	Onslow Beach Bridge	1
BA147	Onslow Beach Area	1
BA119	Onslow Beach Area	1
BA115	Onslow Beach Area	1
BA143	Onslow Beach Area	1
BA114	Onslow Beach Area	2

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY	BLDG. NO.	LOCATION	QUANTITY
RR255	Training Area	2	BA144	Onslow Beach Area	1
TLZ	TLZ Jaybird	1	BA101	Onslow Beach Area	1
	TLZ Goose	4	BA102	Onslow Beach Area	1
	Sneads Ferry Bridge	2	BA113	Onslow Beach Area	2
	Mile Hammock Bay	2	BA104	Onslow Beach Area	1
	Campsite #2	1		BA Motor Pool	1
747	G5 Range	1		BA Pier	2
CR115	Triangle Outpost	1		Verona Loop Road	10
M105	Montford Point Area	1	M178	Montford Point Area	1
M103	Montford Point Area	2	M171	Montford Point Area	2
M128	Montford Point Area	2	M132	Montford Point Area	1
M138	Montford Point Area	1	M407	Montford Point Area	1
M119	Montford Point Area	1	M419	Montford Point Area	1
M121	Montford Point Area	1	M418	Montford Point Area	1
M205	Montford Point Area	1	M611	Montford Point Area	1
M206	Montford Point Area	1	M619	Montford Point Area	2
M231	Montford Point Area	1	M509	Montford Point Area	1
M233	Montford Point Area	1	M511	Montford Point Area	1
M235	Montford Point Area	1	M520	Montford Point Area	1
M239	Montford Point Area	2	M518	Montford Point Area	2
M228	Montford Point Area	1	M314	Montford Point Area	1
M226	Montford Point Area	1	M112	Montford Point Area	1
TC942	Camp Geiger Area	1	M109	Montford Point Area	1
TC850	Camp Geiger Area	1	M101	Montford Point Area	2
TC762	Camp Geiger Area	1		New Exchange	2
TC761	Camp Geiger Area	1	TC774	Camp Geiger Area	1
G770	Camp Geiger Area	1	TC773	Camp Geiger Area	1
TC715	Camp Geiger Area	1	TC863	Camp Geiger Area	1
G650	Camp Geiger Area	1	TC952	Camp Geiger Area	1
TC562	Camp Geiger Area	1	TC508	Camp Geiger Area	1

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
TC560	Camp Geiger Area	1
TC462	Camp Geiger Area	1
TC460	Camp Geiger Area	1
TC563	Camp Geiger Area	1
TC471	Camp Geiger Area	1
TC611	Camp Geiger Area	1
TC609	Camp Geiger Area	1
TC773	Camp Geiger Area	1
TC771	Camp Geiger Area	1
TC740	Camp Geiger Area	1
TC643	Camp Geiger Area	1
TC745	Camp Geiger Area	2
TC841	Camp Geiger Area	1
TC844	Camp Geiger Area	1
TC940	Camp Geiger Area	1
TC1042	Camp Geiger Area	1
TC1044	Camp Geiger Area	1
TC1143	Camp Geiger Area	1
TC1063	Camp Geiger Area	1
TC1059	Camp Geiger Area	1
424	Air Station Area	2
218	Air Station Area	2
	Area 2 Picnic Area	1
	Dispensary	1
	7 Day Store	2
604	Air Station Area	1
628	Air Station Area	1
608	Air Station Area	1
240	Air Station Area	1
	Bowling Alley	2
1120	Air Station Area	1

BLDG. NO.	LOCATION	QUANTITY
	New Building	1
	Physical Fitness Center	1
TC341	Camp Geiger Area	1
G534	Camp Geiger Area	1
G533	Camp Geiger Area	1
G522	Camp Geiger Area	1
G524	Camp Geiger Area	1
G543	Camp Geiger Area	1
G542	Camp Geiger Area	1
G554	Camp Geiger Area	1
G552	Camp Geiger Area	1
TC307	Camp Geiger Area	1
	Picnic Area	1
TC701	Camp Geiger Area	1
	Gas Station	1
TC1064	Camp Geiger Area	1
TC1067	Camp Geiger Area	1
TC1161	Camp Geiger Area	1
TC712	Camp Geiger Area	1
TC814	Camp Geiger Area	1
TC910	Camp Geiger Area	5
TC1010	Camp Geiger Area	1
TC1012	Camp Geiger Area	1
TC1015	Camp Geiger Area	1
TC1016	Camp Geiger Area	1
TC1130	Camp Geiger Area	2
TC1023	Camp Geiger Area	1
TC830	Camp Geiger Area	1
TC755	Camp Geiger Area	1
TC730	Camp Geiger Area	2
	New NCO Club	1

LOCATIONS OF
NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
1106	Air Station Area	1
4110	Air Station Area	2
4100	Air Station Area	2
4106	Air Station Area	2
4108	Air Station Area	4
	Bank	1
4122	Air Station Area	1
4110	Air Station Area	3
4020	Air Station Area	2
112	Air Station Area	1
114	Air Station Area	1
119	Air Station Area	1
208	Air Station Area	3
213	Air Station Area	3
216	Air Station Area	1
130	Air Station Area	1
	Gas Station	1
	Commissary	1
504	Air Station Area	5
518	Air Station Area	3
	Fire Station	1
559	Air Station Area	1
595	Air Station Area	3

BLDG. NO.	LOCATION	QUANTITY
312	Air Station Area	1
4025	Air Station Area	2
4020	Air Station Area	2
4025	Air Station Area	2
	Aircraft Group 29	1
3502	Air Station Area	1
3504	Air Station Area	1
	Area 3 Picnic Area	1
2800	Air Station Area	1
	Ballfield	1
840	Air Station Area	2
831	Air Station Area	1
822	Air Station Area	1
820	Air Station Area	1
828	Air Station Area	2
849	Air Station Area	1
811	Air Station Area	1
	Radio Station	1
702	Air Station Area	1
705	Air Station Area	2
	Motor Pool	2
122	Air Station Area	1

INFO FROM PARRIS ISLAND

Dempsey Dumpster Cleaner

600 gallon water tank. Butane gas heated to 150 - 160 degrees.

Disenfectant: Sparquat No. 256. Mfd. by Spartan Chemical Co., Ohio

1 gallon disenfectant to 600 gallons of water. Continuous recirculation of water. Change water weekly during winter, twice a week during summer.

Dispose of solid waste in another dempsey dumpster. Dispose of liquid waste in sanitary sewage system.

Total time to unhook, clean and hook back up, 8-10 minutes per dumpster.

Approx. cost $65,000.

2455

UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

MSVC:AFC:dh
15 Dec 1976

FIRST ENDORSEMENT on MEO ltr MEO/LDR/csh of 15 Dec 1976

From: Assistant Chief of Staff, Management Services
To: Base Maintenance Officer

Subj: Economic analysis on the cleaning of dumpsters and disposal of cleaning wastes for the Camp Lejeune/New River Complex

1. Forwarded.

A. F. CAZARES

MANAGEMENT ENGINEERING OFFICE
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

MEO/LDR/csh
15 Dec 1976

From: Management Engineering Office
To: Base Maintenance Officer
Via: Assistant Chief of Staff, Management Services

Subj: Economic analysis on the cleaning of dumpsters and disposal of cleaning wastes for the Camp Lejeune/New River Complex

Ref: (a) CMC ltr LME-5-54/rlb, 4441/3 of 30 Aug 76
(b) Telephone request by BMaintDept to AC/S, MSvc of 14 Sep 76

Encl: (1) Concept of operation and economic analysis for a permanent cleaning facility
(2) Concept of operation and economic analysis for cleaning at dumpster sites with self-contained mobile equipment cleaner
(3) Concept of operation and economic analysis for contracting out the cleaning of dumpsters
(4) P&C ltr JEP/ioh/mam, 4280 of 10 Dec 76

1. Reference (a) requested an economic analysis be accomplished to determine the most cost-effective means of cleaning dumpster containers. Reference (b) requested that the subject analysis be accomplished by the Management Engineering Office.

2. The present method of cleaning dumpster containers has been found unsanitary by the Preventive Medicine Service, Naval Regional Medical Center. Preventive Medicine Service personnel have found that steam cleaning the containers with a mobile steam generator at the site merely washes down the interior of the container thus leaving all the residue in the bottom. This results in vermin propagation, noxious odors, and drainage of residue into nearby ditches or around the apron area where the dumpster is located.

3. Reference (a) lists several alternative solutions to consider. They are as follows:

a. Contracting

b. Permanent cleaning facility

95/55

MEO/LDR/csh
15 Dec 1976

Subj: Economic analysis on the cleaning of dumpsters and disposal of cleaning wastes for the Camp Lejeune/New River Complex

c. Cleaning at dumpster site

(1) Self-contained mobile equipment cleaner

(2) Mobile equipment cleaner with cleaning waste disposed in the sanitary sewer

d. Combinations of the preceding

4. The constraining factors in these analyses are as follows:

a. Number of dumpster sites - 695

b. Number of dumpsters - 763

c. Cleaning schedule -

(1) 117 dumpsters at food handling locations (dining facilities, service clubs, etc.) are throughout the Camp Lejeune/New River complex. These dumpsters are cleaned on a cyclic basis throughout the year.

(2) There are 646 dumpsters at non-food handling locations which are to be cleaned two times per year and also as needed.

d. Cleanliness required - The dumpsters are to be cleaned of all adherent putrescible and non-putrescible soils leaving a clear, clean surface. All waste matter from cleaning is disposed of in a proper manner which will result in the control of environmental pollution such as noxious odors, vermin propagation, and drainage pollution.

5. The proposed alternative of cleaning at the site is not a feasible solution since residue will drain in nearby ditches. The dumpster site locations, in a majority of the areas, do not have sanitary sewers in which to dispose of residue. The relocating of dumpster sites in areas adjacent to sanitary sewers would result in a number of them being located too far from the users. Also, there would be no way of completely draining the dumpsters of all the residue since lifting equipment for turning them upside-down is unavailable.

2455

MEO/LDR/csh
15 Dec 1976

Subj: Economic analysis on the cleaning of dumpsters and disposal of cleaning wastes for the Camp Lejeune/New River Complex

6. Enclosures (1), (2), and (3) represent alternative solutions which merit consideration in resolving this sanitation problem for the Camp Lejeune/New River complex. Enclosure (4) supports the Purchasing and Contracting Officer's submission of an estimated cost quotation from a contractor.

R. T. HOKUM

MEO/LDR/csh
15 Dec 1976

PERMANENT CLEANING FACILITY

Concept of Operation

1. A permanent cleaning facility could be constructed at the sanitary landfill. This facility would entail a concrete slab complete with a drainage system, a liquid propane gas operated steam jenny, water supply, and electric movable hoist for lifting and holding containers in an upside-down position while they are cleaned.

2. Dempster Dumpster vehicles would be used to transport containers back and forth from dumpster sites to the cleaning facility.

Economic Analysis

1. Facility

a. Design Requirements - A permanent cleaning facility constructed at the sanitary landfill, Marine Corps Base, would consist of an open concrete slab with drains to the sanitary sewer, a housed l.p. gas operated steam jenny, water supply, and electric movable hoist.

b. Geographic location of dumpster sites -

(1) Locations of dumpster sites for food-handling containers are as shown in Appendix A to enclosure (1).

(2) The locations of dumpster sites for non-food handling containers are as shown in Appendix B to enclosure (1).

c. Availability of existing facility - A permanent cleaning facility is not presently available to handle the cleaning of containers.

d. Construction costs and schedule - An estimated cost of this facility is approximately $25,000 and an estimated completion schedule is approximately 2 years.

e. Annual operation and maintenance cost - Estimated O&M costs for facility and vehicles is approximately $3,000 per year.

f. Economic life - 20 years for facility and 10 years for vehicles.

g. Disposal of waste, method and cost -

(1) The dumpster containers would be carried to the sanitary landfill by Dempster Dumpster vehicles. The vehicle would set the container in a specified area where the electric hoist could lift and dump the container into a 45 cubic yard container. A compactor attached to the 45 cubic yard container would then compact the residue. Once the container is empty the electric hoist would move the container down a rail to a wash area with the container positioned upside-down. The container then would be steam cleaned and drained of all foreign matter.

(2) Dempster Dumpster vehicles would not be required to wait for a container to be cleaned. A clean container could be staged for immediate pick-up once he drops off a container to be cleaned.

(3) A 45 cubic yard container and compactor is available but the relocation cost for this equipment is estimated to be $3,500.

2. Transporting Vehicles

a. Number required - 2 Dempster Dumpster vehicles

b. Availability of existing vehicles - None available

c. Purchase price and delivery schedule -

(1) Estimated acquisition cost for 2 Dempster Dumpster vehicles - $46,000 (2 x $23,000 ea)

(2) Delivery schedule - approximately 1½ to 2 years

d. Economic life - 10 years

3. Other usages for facility and vehicles - The facility could be used to steam clean other types of equipment.

4. Personnel

a. Number required -

2 - Equipment Cleaners - WG-4
2 - Motor Vehicle Operators - WG-7

b. Availability of required personnel - One additional equipment cleaner and one additional motor vehicle operator will be needed in the T/MR.

c. Personnel cost -

2 - Equipment Cleaners - WG-4	$28,966
2 - Motor Vehicle Operators - WG-7	34,814
TOTAL	$63,780

5. Extra Dumpsters

a. Number required - None, as extra dumpsters are on hand.

b. Purchase price and delivery schedule - N/A

c. Economic life - 20 years

6. Degree of cleanliness obtained - A high degree of cleanliness would be obtained resulting in the control of environmental pollution.

MEO/LDR/csh
15 DEC 1976

Appendix A

LOCATIONS OF FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
FC303	Force Troops	2
FC318	"	1
521	Area 5	2
508	"	2
524	"	2
424	Area 4	3
411	"	2
403	"	2
425	"	2
325	Area 3	2
322	"	2
226	Area 2	3
225	"	2
251	Bus Station	2
106	Area 1	2
122	"	2
125	"	1
3	W.R. Area	1
4	"	1
9	"	3
1209	Industrial Area	1
1041	"	3
1006	"	3
1943	Stone Street	1
825	"	3
5400	Berkley Manor	1
	Golf Course	2
2615	"O" Club	1
TT60	TT One	2
	TT-2	2

BLDG. NO.	LOCATION	QUANTITY
M424	Montford Point	4
M324	"	1
M134	"	3
M240	"	2
G640	Camp Geiger	4
G615	"	2
710	Air Station	1
901	"	3
4012	"	3
226	"	3
TC1500	Air Station Road	2
RR3	Rifle Range	3
RR49	"	1
RR10	"	2
BB7	Courthouse Bay	4
BB27	"	1
BB54	"	2
BA103	Onslow Beach	1
BA114	"	2
H1	NRMC	5
H14	"	1
H15	"	1
H17	"	4
H18	"	1
H21	"	1
H24	"	1
	BEQ	1

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Appendix B

LOCATIONS OF NON FOOD HANDLING DUMPSTERS

BLDG. NO.	LOCATION	QUANTITY
45	Highway 24 Area	2
B12	Main Gate	1
896	New Hostess House	2
	Bank	1
PX84	Exchange	4
895	Central Area	1
89	"	1
51	"	1
66	"	1
64	"	1
62	"	1
59	"	1
58	"	1
67	"	1
37	"	1
80	"	1
25	"	1
54	"	1
11	"	1
8	"	1
15	"	1
1	"	1
41	"	1
23	"	2
24	"	1
	Catholic Chapel	1
	Boat Basin	1

BLDG. NO.	LOCATION	QUANTITY
133	Regimental Area 1	1
109	"	1
101	"	1
111	"	2
117	"	1
123	"	1
18	"	1
132	"	1
131	"	1
112	"	3
102	"	1
104	"	1
116	"	1
129	"	1
124	"	2
118	"	1
234	Regimental Area 2	1
221	"	1
210	"	1
202	"	1
204	"	1
208	"	2
19	"	1
224	"	1

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BLDG. NO.	LOCATION	QUANTITY
343	Regimental Area 3	2
309	"	2
307	"	1
332	"	1
321	"	2
317	"	1
328	"	2
327	"	1
2	"	1
302	"	1
335	"	1
314	"	1
310	"	1
330	"	1
300	"	1
460	Regimental Area 4	1
435	"	2
418	"	2
432	"	1
406	"	3
401	"	1
405	"	1
413	"	2
443	"	1
421	"	1
	Area 4 Parking Lot	1

BLDG. NO.	LOCATION	QUANTITY
520	Regimental Area 5	1
518	"	1
512	"	2
504	"	1
537	"	2
527	"	2
521	"	1
517	"	2
511	"	1
515	"	2
506	"	1
507	"	2
	Area 5 Parking Lot	1
	Area 5 Picnic Area	1
765	Sewer Plant	1
1117	Industrial Area	1
1212	"	1
1118	"	4
1042	"	1
1106	"	2
1101	"	1
1113	"	1
1005	"	2
1102	"	1
1202	"	2
1302	"	1
1301	"	1
1403	"	1
1413	"	1
1410	"	1
1502	"	2
1402	"	1

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BLDG. NO.	LOCATION	QUANTITY
1601	Industrial Area	1
1607	"	1
1602	"	1
1505	"	1
1406	"	1
1311	"	1
1203	"	1
1104	"	1
1771	"	1
1755	"	1
1780	"	1
1021	"	1
738	"	2
	Ind. Wash Rack	2
1115	Industrial Area	1
1108	"	1
1111	"	1
1200	"	3
1300	"	1
1401	"	1
1500	"	1
1610	"	1
1612	"	1
1700	"	1
1606	"	5
1501	"	1
1402	"	2
1301	"	1
1201	"	2
1101	"	5
934	"	1
1206	"	1

BLDG. NO.	LOCATION	QUANTITY
1309	Industrial Area	1
1408	"	1
1505	"	1
1604	"	1
1704	"	1
1722	"	1
1705	"	1
1207	"	2
1208	"	1
928	"	1
909	"	1
TC185	"	1
903	"	4
900	"	1
902	"	2
901	"	1
TP448	"	1
TP451	"	1
	USO	1
	Lot 201	1
	Lot 203	1
PT1	Industrial Area	1
PT4	Industrial Area	1
PT5	Radio Station	1
PT30	Industrial Area	1
PT7	"	1
S769	Outdoor Theater	1
904	Industrial Area	1
905	"	2
914	"	2
827	"	1
1116	"	2

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BLDG. NO.	LOCATION	QUANTITY
1316	Industrial Area	2
1211	"	2
907	"	2
906	"	1
915	"	1
916	"	1
1012	"	1
1011	"	2
1808	Regimental Area 6	3
1802	"	2
1811	"	2
1810	"	1
1812	"	1
1817	"	1
1824	"	1
1832	"	1
1835	"	2
1828	"	1
1826	"	1
1841	"	1
H31	Naval Hospital	1
H32	"	1
SH8	"	1
SH7	"	1
	TTI Ballfield	2
TT49	TTI	1
TT41	"	1
	Dumping Station	1

BLDG. NO.	LOCATION	QUANTITY
TT44	TTII Area	1
TT2455	"	6
TT2477	"	2
TT35	"	1
TT43	"	1
33	Midway Park Area	1
	Ballfield	1
4021	Midway Park Area	2
4025	"	2
B109	Forestry Building	1
	Food Center	2
	Gas Station	1
2622	Camp Knox Trailer Pk	1
	Ballfield	1
	Knox Maintenance	1
2706	Camp Knox Trailer Pk	1
	Scout Hut	1
2201	Camp Knox Trailer Pk	1
2144	"	1
2114	"	1
2134	"	1
2019	"	1
2012	"	1
2021	"	1
2214	"	1
2222	"	1
2310	"	1
2306	"	1
2327	"	1
2352	"	1
2396	"	1
2153	"	1

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BLDG. NO.	LOCATION	QUANTITY
2426	Camp Knox Trailer Pk	1
2436	"	1
2435	"	1
2453	"	1
2505	"	1
2515	"	1
2537	"	1
1919	Paradise Point Area	1
2613	"	1
2603	"	1
2607	"	1
2624	"	1
2627	"	2
2604	"	1
2602	"	1
2601	"	1
2985	"	2
1944	"	1
	Marston Pavilon	2
	PP Tennis Court	1
	Stone St. Ballfield	1
	Golf Course Maint.	1
	Sitter Service	1
	Utility Division	1
A10	Boat Basin Area	1
A3	"	2
A1	"	1

BLDG: NO.	LOCATION	QUANTITY
BB49	Courthouse Bay Area	1
BB48	"	1
BB45	"	1
BB46	"	1
BB12	"	2
BB13	"	1
BB14	"	1
BB107	"	1
BB9	"	1
BB3	"	1
BB86	"	1
BB51	"	1
BB31	"	2
BB30	"	1
	Carpenter Shop	
FC11	French Creek Area	1
	Outdoor Theater	1
	Gun Park	1
746	French Creek Area	1
GP1	"	1
FC100	"	2
FC200	"	2
ES200	"	1
ES101	"	1
1770	Post Office	1
FC312	French Creek Area	1
FC300	"	1
FC302	"	1
FC305	"	1
FC306	"	2
FC305	"	2
FC309	"	2
FC310	"	2

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BLDG. NO.	LOCATION	QUANTITY
39	Parking Lot	1
	Protestant Chapel	1
826	Field House Area	1
	Field House	3
14	Field House Area	1
RR238	Rifle Range Area	1
RR214	"	2
RR24	"	1
RR36	"	1
RR33	"	1
RR30	"	1
	'A' Range Parking Lot	1
RR8	Rifle Range Area	1
RR14	"	2
RR1	"	1
SRR18	"	1
RR40	"	1
RR255	Training Area	2
TLZ	TLZ Jaybird	3
	TLZ Goose	4
	Sneads Ferry Bridge	2
	Mile Hammock Bay	2
	Campsite #2	2
747	G5 Range	1
CR115	Triangle Outpost	

BLDG. NO.	LOCATION	QUANTITY
	Onslow Beach Bridge	1
BA147	Onslow Beach Area	2
BA119	"	1
BA115	"	2
BA143	"	1
BA114	"	2
BA144	"	1
BA101	"	1
BA102	"	1
BA113	"	2
BA104	"	1
BA105	"	1
	BA Motor Pool	2
	BA Pier	2
	Verona Loop Road	10
M178	Montford Point Area	1
M171	"	1
M132	"	1
M407	"	1
M419	"	1
M418	"	1
M611	"	2
M619	"	2
M509	"	1
M511	"	1
M520	"	1
M518	"	2
M320	"	1
M321	"	2
M314	"	1
M112	"	1
M109	"	1
M101	"	2

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BLDG. NO.	LOCATION	QUANTITY
M105	Montford Point Area	1
M103	"	2
M128	"	2
M138	"	1
M119	"	1
M121	"	1
M205	"	1
M206	"	1
M210	"	1
M231	"	2
M233	"	1
M235	"	1
M239	"	2
M228	"	1
M226	"	1
TC942	Camp Geiger Area	1
TC850	"	1
TC762	"	1
TC761	"	1
TC760	"	1
G770	"	1
TC715	"	1
G650	"	1
TC562	"	1
TC560	"	1
TC462	"	1
TC460	"	1
TC563	"	1
TC471	"	1
TC611	"	1
TC609	"	1
TC773	"	1
TC771	"	1

BLDG. NO.	LOCATION	QUANTITY
TC774	Camp Geiger Area	1
TC773	"	1
TC863	"	1
TC952	"	1
TC508	"	1
	New Building	1
	Physical Fitness Ctr	1
TC341	Camp Geiger Area	1
G534	"	1
G533	"	1
G522	"	2
G524	"	1
G543	"	1
G542	"	1
G554	"	1
G552	"	1
TC307	"	1
	Picnic Area	1
TC701	Camp Geiger Area	1
	Gas Station	1
TC1064	Camp Geiger Area	1
TC1067	"	1
TC1161	"	1
TC712	"	1
TC814	"	1
TC910	"	2
TC1010	"	1
TC1012	"	1
TC1015	"	1
TC1016	"	1
TC1130	"	2
TC1023	"	1
TC830	"	1
TC755	"	1
TC730	"	2

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BLDG. NO.	LOCATION	QUANTITY
TC740	Camp Geiger Area	1
TC643	"	1
TC745	"	2
TC841	"	1
TC844	"	1
TC940	"	1
TC1041	"	1
TC1042	"	1
TC1044	"	1
TC1143	"	1
TC1063	"	1
TC1059	"	1
424	Air Station Area	2
218	"	1
	Area 2 Picnic Area	1
	Dispensary	1
	7-Day Store	1
604	Air Station Area	1
628	"	1
608	"	1
240	"	1
	Bowling Alley	2
1120	Air Station Area	1
1106	"	1
4110	"	1
4100	"	2
4106	"	2
4108	"	4
	Bank	1
4122	Air Station Area	1
4110	"	3
4020	"	3
112	"	1
114	"	1
119	"	1

BLDG. NO.	LOCATION	QUANTITY
208	Air Station Area	2
213	"	3
216	"	1
130	"	1
	Gas Station	1
	Commissary	1
504	Air Station Area	3
518	"	3
508	"	4
	Fire Station	1
559	Air Station Area	1
595	"	2
312	"	1
4025	"	1
4020	"	1
4025	"	2
	Aircraft Group 29	1
1315	Air Station Area	1
3502	"	1
3504	"	1
	Area 3 Picnic Area	1
2800	Air Station Area	1
	Ballfield	1
840	Air Station Area	2
831	"	1
822	"	1
820	"	1
828	"	1
849	"	1
811	"	1
	Radio Station	1
	Reserve Area	2
702	Air Station Area	1
705	"	2
	Motor Pool	2
122	Air Station Area	1

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MEO/LDR/csh
15 Dec 1976

SELF-CONTAINED MOBILE EQUIPMENT CLEANER

Concept of Operation

1. A self-contained mobile equipment cleaner specifically designed to clean dumpster containers would be utilized by the Camp Lejeune/New River complex to clean 117 dumpster containers located at food handling facilities such as dining facilities, service clubs, etc. This equipment would clean the dumpsters on a cyclic basis throughout the year. The remaining 646 dumpster containers located at non-food handling locations would also be cleaned by this equipment. The cleaning cycle for these containers would be two times per year or as needed.

2. The mobile equipment cleaner would follow behind a dump-master vehicle and clean containers as they are emptied. The mobile equipment cleaner has its own water reserve and the capability of recycling detergent water. This enables the equipment to wash containers for a full eight hour day before the water and residue has to be disposed of at the sanitary landfill.

Economic Analysis

1. Mobile Equipment

a. Type required - Self-contained mobile equipment cleaner, dumpster washout truck, equipment code 1310.

b. Number required - 1 each

c. Availability of existing equipment - None available

d. Purchase price and delivery schedule -

(1) Estimated acquisition cost - $75,000

(2) Estimated delivery date - 180 days from date of contract

e. Annual operation and maintenance cost (based on operation and maintenance costs for same type equipment which is now used at Marine Corps Recruit Depot, Parris Island, South Carolina) -

Maintenance Cost - Aug '75 - Aug '76	$ 948.00
Operating Cost - $18.00/week for chemicals, 1 year cost	936.00
1,500 gals of diesel fuel/year @ $.34/gal	510.00
TOTAL	$2,394.00

f. Economic life - 10 years

g. Disposal of waste - Waste is stored in the self-contained cleaner tank until it is disposed of at the sanitary landfill where it is immediately buried.

h. Other usages of equipment - Washing down the exterior sides of buildings prior to repainting or repair and cleaning other types of equipment.

i. Degree of cleanliness obtained - A high degree of cleanliness is obtained by this equipment through the use of detergent water which is sprayed under pressure against both the interior and exterior of the dumpster. The results are control of environmental pollution because the residue from the dumpsters is contained by the equipment cleaner tank until proper disposal can be made.

2. Personnel

a. Number required -

1 - Equipment Cleaner - WG-4
1 - Motor Vehicle Operator - WG-7

b. Availability of required personnel - Already established in T/MR, no additional billets required.

c. Cost -

1 - Equipment Cleaner, WG-4	$14,483
1 - Motor Vehicle Operator, WG-7	17,407
TOTAL	$31,890

MEO/LDR/csh
15 Dec 1976

CONTRACTING

Concept of Operation

1. A private contractor would be responsible for the cleaning of dumpster containers throughout the Camp Lejeune/New River complex. He would be required to satisfactorily clean all dumpsters of residue through the use of his own self-contained mobile equipment cleaner.

2. The contractor would provide the equipment capable of cleaning the 763 dumpsters. The 117 dumpsters located at food handling areas throughout the Camp Lejeune/New River complex would be cleaned on a weekly basis and the remaining 646 dumpsters would be cleaned on a semi-annual basis.

Economic Analysis

1. Availability of qualified contractors - A qualified contractor was contacted by the Purchasing and Contracting Office, Marine Corps Base, Camp Lejeune. He represents the Sanitation Company of Florida, Jacksonville, Florida.

2. Cost and Lead Time

a. An estimated cost quotation, for planning purposes only, is attached as enclosure (4).

b. The yearly estimated cost of $36,880.00 is based on a quote of $5.00 per dumpster cleaning.

117 dumpsters x 52 weeks x $5.00 =	$30,420.00
646 dumpsters x 2 cleanings/year x $5.00 =	6,460.00
TOTAL ANNUAL COST	$36,880.00

c. A lead time of 30 days will be necessary for the contractor to establish his equipment and employees in this geographical area.

3. In-house inspection requirements - Inspection of contractor services would be the responsibility of the Maintenance Department and the Preventive Medicine Service.

2455

PURCHASING AND CONTRACTING DIVISION
Base Materiel Battalion
Marine Corps Base
Camp Lejeune, North Carolina 28542

JEP/ioh/mam
4280
10 Dec 1976

From: Contracting Officer
To: Officer in Charge, Management Engineering Office, Camp Lejeune, North Carolina 28542

Subj: Informal informational quote on cleaning dumpsters

Ref: (a) Memo from MEO to OIC, Purchasing and Contracting Division, MEO/DWC/csh dtd 24 Sep 1976

Encl: (1) Memo from Chief, Occupational and Preventive Medicine Services, NRMC, CLNC to B Purch O, 54-1mm over 6240.4 dtd 2 Nov 1976

1. In response to reference (a), which requested an estimated cost for cleaning dumpsters at Marine Corps Base, Camp Lejeune, the following information is submitted:

a. There are 763 dumpsters to be cleaned; 117, located at Mess Halls throughout the Camp Lejeune Complex, on a weekly basis and the remaining 646, each on a semi-annual basis.

b. The cleaning must be accomplished in accordance with specifications shown in enclosure (1).

c. An estimated cost quotation, for planning purposes only, was received from Sanitation Co. of Florida, Jacksonville, FL - - $36,880.00 per year.

2. If we can be of further assistance, please do not hesitate to contact us.

John E Parker II

JOHN E. PARKER, II

ENCL (4)

OK
MRS. H

NAVAL REGIONAL MEDICAL CENTER
CAMP LEJEUNE, N.C. 28542

54-lnm
6240.4
2 November 1976

From: Chief, Occupational and Preventive Medicine Service
To: Base Purchasing Officer, Marine Corps Base, Camp Lejeune, North Carolina (ATTN: Mrs. HOLSUMBACH)

Subj: Cleaning of Dempster Dumpster Interiors

Ref: (a) FONECON between Mrs. HOLSUMBACH and LCDR THOMPSON

1. In accordance with the verbal request made by reference (a), the following contract specifications are provided for the satisfactory cleaning of dempster dumpster interiors:

a. Dempster dumpster interiors shall be cleaned on site utilizing a truck-mounted mobile cleaner delivering a high alkali detergent water solution under sufficient pressure to penetrate, break down, and remove all adherent putrescible and non-putrescible soils such that no visible deposits remain on the surface or in crevices, leaving a clear, clean interior.

b. The waste water generated by the cleaning process will be collected in a leak proof tank and transported to the Base Sanitary Landfill for disposal.

c. The cleaning process shall not dent, bend, punch holes in or otherwise damage or alter the dumpster.

d. The mobile cleaner and associated support equipment shall be kept clean and in good repair.

e. Satisfactory compliance with the above will be subject to the approval of the Preventive Medicine Service.

C. R. Thompson
C. R. THOMPSON

Copy to:
Base Maintenance Officer

Enclosure (1)

OK
MRS. H

NAVAL REGIONAL MEDICAL CENTER
CAMP LEJEUNE, N.C. 28542

54-1nm
6240.4
2 November 1976

From: Chief, Occupational and Preventive Medicine Service
To: Base Purchasing Officer, Marine Corps Base, Camp Lejeune, North Carolina (ATTN: Mrs. HOLSUMBACH)

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b. The waste water generated by the cleaning process will be collected in a leak proof tank and transported to the Base Sanitary Landfill for disposal.

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d. The mobile cleaner and associated support equipment shall be kept clean and in good repair.

e. Satisfactory compliance with the above will be subject to the approval of the Preventive Medicine Service.

C. R. Thompson

C. R. THOMPSON

Copy to:
Base Maintenance Officer

2455

Enclosure (1)

MFR.

Ray Gaskin Service
300 West Duarte Road
Monrovia, Cal
91016
Los Angeles County

213-359-2522

Dempster Dumpster
Cleaning

MV. Reit Mngmt Engrng

Bldg 1101 - Has Spec on
Equipment

5520

MAJ. Harris - 2471/2352

Purchasing - Bldg 1211

Discuss problems w/ contracting Dumpster Cleaning.

Timber Harvesting Problem?

Mr. Wheelas - Ass't

Form 1348 w/ $

Billy -

The "quote" appears invalid. There's no way an outfit in Fla. would come in here to make 3-4000/yr, even if they could. How about a couple more "courtesy" quotes?

Ed

OK, let's
try contrast.
We can
always
back up
and start
over if
price isn't
right.

Ted

Bid — $ 29,504

Based on 7376 Clearings

Midland Meat Co.

Lawton, Okla.

1/28/76

BASE MAINTENANCE DEPARTMENT
Marine Corps Base
Camp Lejeune, North Carolina 28542

2-15-77

From: Assistant Maintenance Officer
To: Zol Wood

Subj: Dumpster cleaning

We asked Purchasing to get another complimentary bid on contract cleaning of dumpsters Midland Maint Co of Pauto Okla. bid $29.50 based on 7376 cleanings. Appears we may as well plan to go contract. Will have to be budgeted of course.

BWE