

1. COMPONENT NAVY	FY 19 <u>86</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE; CAMP LEJEUNE, NORTH CAROLINA		4. PROJECT TITLE LIGHT ARMORED VEHICLE MAINTENANCE SHOP
5. PROGRAM ELEMENT 2 69 96 M	6. CATEGORY CODE 214.51	7. PROJECT NUMBER P-806
8. PROJECT COST (\$000) 4,950		

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
LIGHT ARMORED VEHICLE MAINTENANCE SHOP . . .	SF	50,850	-	3,250
BUILDING	SF	50,850	56.00	(2,850)
BUILT-IN EQUIPMENT	LS	-	-	(400)
SUPPORTING FACILITIES.	-	-	-	1,200
SPECIAL CONSTRUCTION FEATURES.	LS	-	-	(300)
UTILITIES.	LS	-	-	(200)
PAVING AND SITE IMPROVEMENT.	LS	-	-	(700)
SUBTOTAL	-	-	-	4,450
CONTINGENCY (5%)	-	-	-	220
TOTAL CONTRACT COST.	-	-	-	4,670
SUPERVISION, INSPECTION & OVERHEAD (5.5%).	-	-	-	260
TOTAL REQUEST.	-	-	-	4,930
TOTAL REQUEST (ROUNDED).	-	-	-	4,930
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One and two-story reinforced concrete frame building, pile foundation, masonry walls, concrete floors, built-up roof on insulation over concrete, high-bay area, fire protection system, air conditioning, utilities; wash apron with pollution abatement; antenna towers.

11. REQUIREMENT: 50,850 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.

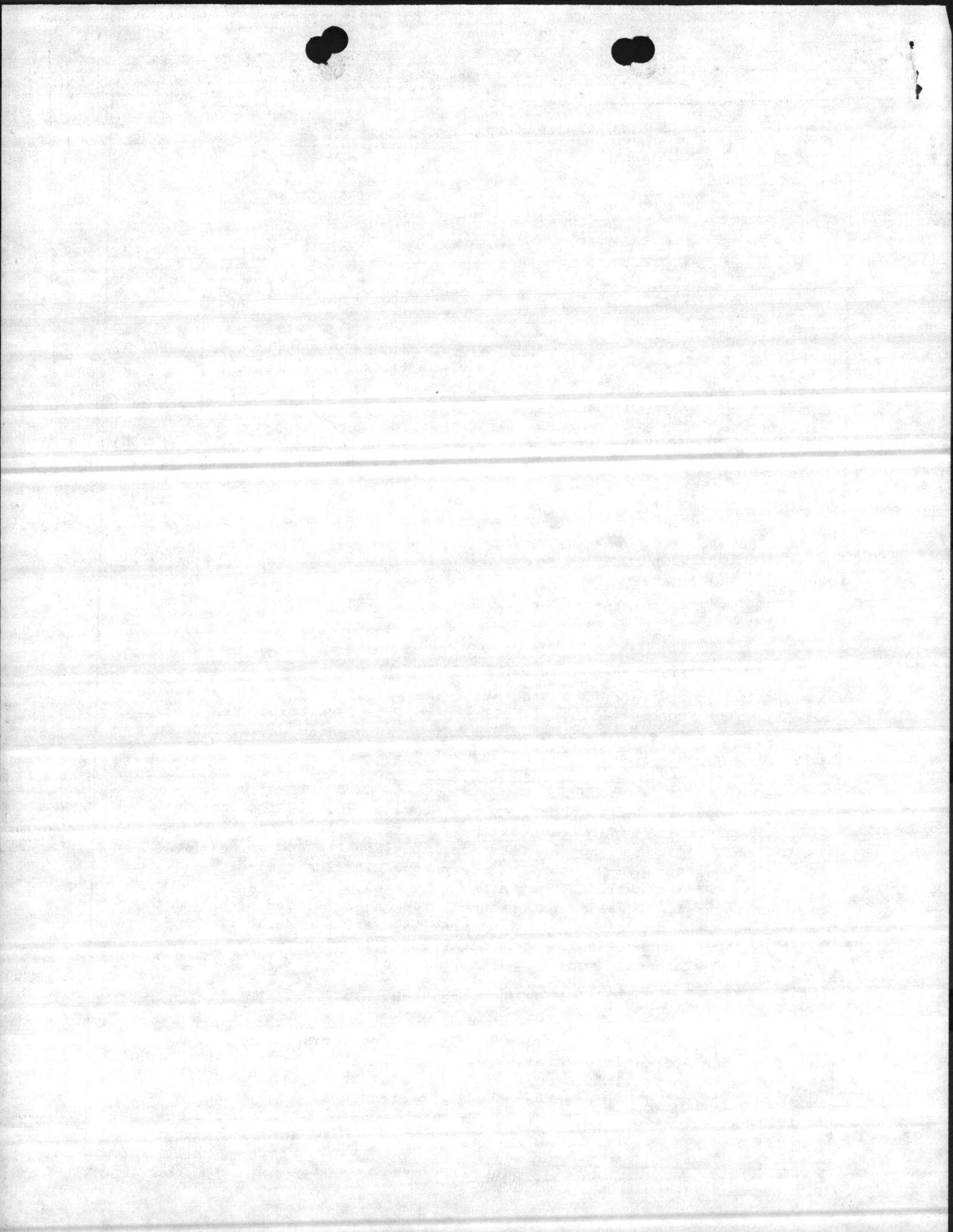
PROJECT: Provides maintenance shop and storage facility for the Light Armored Vehicle (LAV) Battalion of the 2nd Marine Division.

REQUIREMENT: Adequate shop and storage facilities to accommodate prescribed maintenance program for assigned vehicles and electronic equipment. Project will support a LAV Battalion of approximately 40 officers, over 1,000 enlisted personnel, 145 LAV-25's, and more than 50 supporting motor vehicles. The first LAV-25's are scheduled to be delivered in September 1984. This battalion will also receive approximately 13 highly mobile maintenance vehicles (HMMV) designed to replace the M-151 jeep, and are readily adaptable as weapon platforms. The maintenance performed at this facility will be up to the 3rd echelon on vehicles, turrets and armament.

CURRENT SITUATION: This is a new mission effective in FY 1985, and there are no adequate facilities available to support it. The LAV Battalion will utilize existing facilities on an interim basis until adequate facilities can be provided. The present armory is located in a 40-year-old masonry building with a wooden roof. It is inadequate as an armory because it does

(Continued on DD 1391c)

Excl 4



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11. REQUIREMENT: (Continued)
 CURRENT SITUATION: (Continued)
 not meet criteria for security. The present maintenance facilities consist of two 40-year-old buildings totally inadequate for the LAV Battalion. These three-bay structures have only half the total space required to properly maintenance the LAV Battalion equipment. In addition, they lack lube racks, drains, overhead cranes, and equipment storage areas.
 IMPACT IF NOT PROVIDED: Maintenance capabilities will be adversely affected as these are new combat vehicles with complex maintenance requirements. A new highly-mobile maintenance vehicle (HMMV) will be included in the equipment complement for this LAV Battalion. The continued utilization of small inadequate shop and maintenance facilities will significantly impair the training and operational readiness of the LAV Battalion.

12. SUPPLEMENTAL DATA:

a. Estimated design data:

(1) Status:

(a) Date Design Started.....	9-84
(b) Percent Complete as of September 1984.....	10
(c) Date Design 35% Complete.....	11-84
(d) Percent Complete as of November 1984.....	35
(e) Percent Complete as of January 1985.....	50
(f) Percent Complete as of October 1985.....	100
(g) Date Design Complete.....	7-85

