Copy for Clarles No F. Black The file under LUMS AUW





DEPARTMENT OF THE HEADQUARTERS UNITED STATES MA ( WASHINGTON D.C. 2038

nd away

we go 1015/5

- From: Commandant of the Marine Corps To: Commanding General, Marine Corps B 28542-5001
- Subj: LAND USE MANAGEMENT SYSTEMS (LUMS)
- Ref: Briefing for CG, MCB Camp Lejeune Engineering Laboratory (NCEL) of 2

1. As revealed during the reference briefing, this Headquarters plans to install a prototype LUMS computer system at MCB Camp Lejeune. This prototype will be used to evaluate the LUMS operation and to allow the development of the necessary enhancements to adapt the system to Marine Corps requirements. If the evaluation and development are successful the LUMS prototype will be left in place to function as the MCB Camp Lejeune LUMS.

2. On 30 Jan 85, the Assistant Commandant of the Marine Corps authorized the reprogramming of funds for the procurement of the prototype. Currently NCEL is preparing a Request For Proposal (RFP) for procurement. When the first draft of this RFP is completed, a review by Camp Lejeune personnel will be requested to ensure that it addresses all known requirements. This review will be in conjunction with HQMC staffing to provide input for the final RFP.

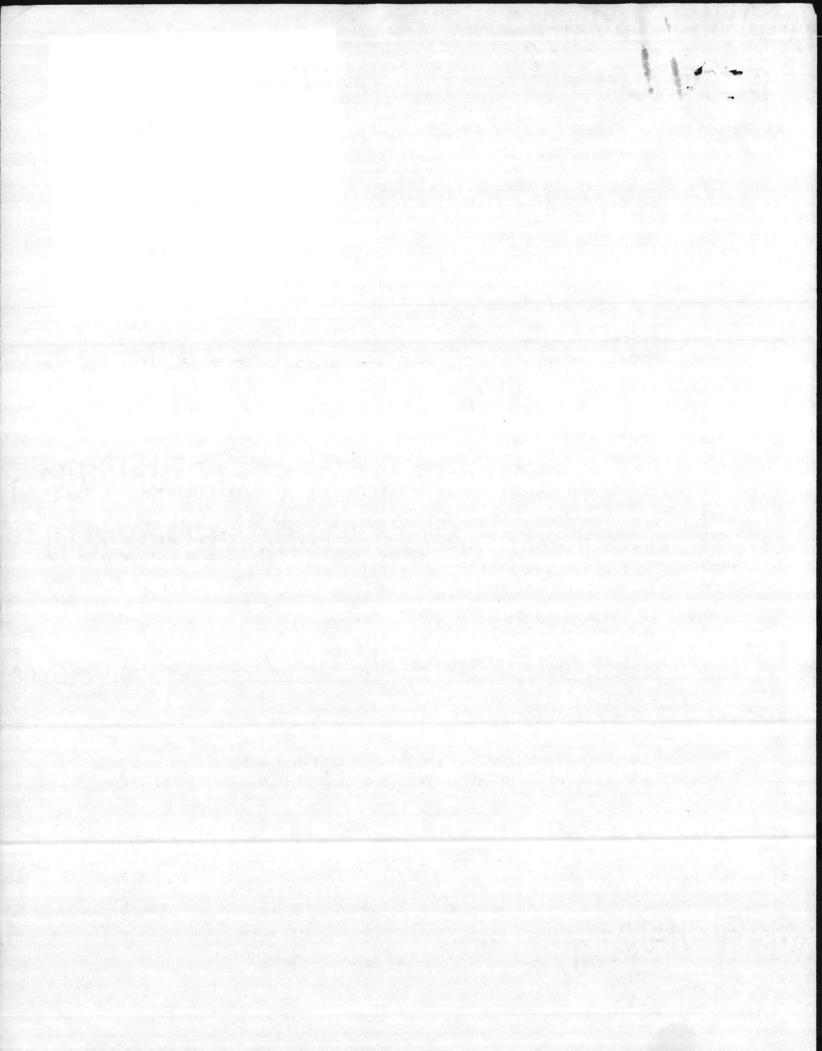
3. If all actions occur as planned, MCB Camp Lejeune should anticipate LUMS installation during the second quarter of FY-86.

4. To facilitate this effort, MCB Camp Lejeune is requested to take the following actions:

a. Designate local points of contact (POC's) for the LUMS development effort.

(1) A primary POC is needed for overall LUMS coordination including scheduling, accommodations, appointments, meetings, and project monitoring.

(2) Additional POC's are requested in the areas of training, range scheduling, facilities planning and natural resources. Initially these POC's will review and comment on the draft RFP during February or early March 1985. During the course of the contract they will represent the user interests and identify and monitor systems and data base development for their unique requirements. Upon completion they will assume operational responsibility for the system.





## DEPARTMENT OF THE NAVY HEADQUARTERS UNITED STATES MARINE CORPS WASHINGTON D.C. 20380

11015/5 LFL/3-57 6 FEB 1985

From: Commandant of the Marine Corps To: Commanding General, Marine Corps Base, Camp Lejeune, NC 28542-5001

Subj: LAND USE MANAGEMENT SYSTEMS (LUMS) PROTOTYPE DEVELOPMENT

Ref: Briefing for CG, MCB Camp Lejeune by Naval Civil Engineering Laboratory (NCEL) of 26 Sept 1984

1. As revealed during the reference briefing, this Headquarters plans to install a prototype LUMS computer system at MCB Camp Lejeune. This prototype will be used to evaluate the LUMS operation and to allow the development of the necessary enhancements to adapt the system to Marine Corps requirements. If the evaluation and development are successful the LUMS prototype will be left in place to function as the MCB Camp Lejeune LUMS.

2. On 30 Jan 85, the Assistant Commandant of the Marine Corps authorized the reprogramming of funds for the procurement of the prototype. Currently NCEL is preparing a Request For Proposal (RFP) for procurement. When the first draft of this RFP is completed, a review by Camp Lejeune personnel will be requested to ensure that it addresses all known requirements. This review will be in conjunction with HQMC staffing to provide input for the final RFP.

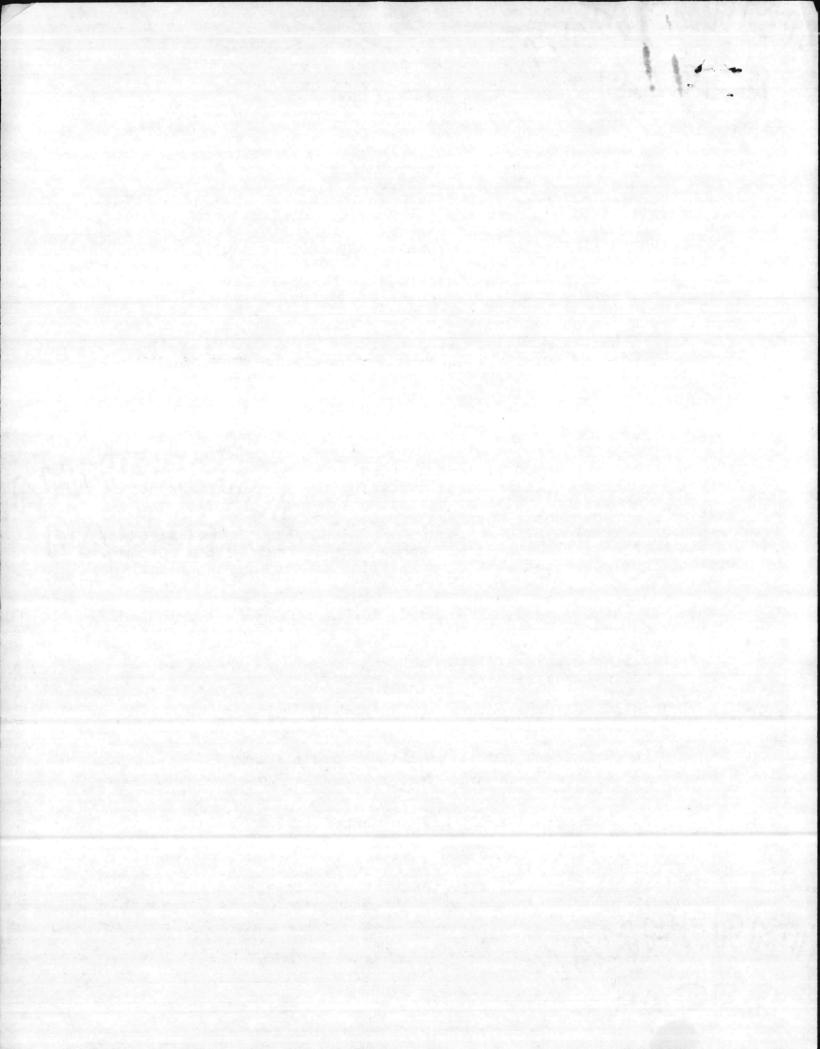
3. If all actions occur as planned, MCB Camp Lejeune should anticipate LUMS installation during the second quarter of FY-86.

4. To facilitate this effort, MCB Camp Lejeune is requested to take the following actions:

a. Designate local points of contact (POC's) for the LUMS development effort.

(1) A primary POC is needed for overall LUMS coordination including scheduling, accommodations, appointments, meetings, and project monitoring.

(2) Additional POC's are requested in the areas of training, range scheduling, facilities planning and natural resources. Initially these POC's will review and comment on the draft RFP during February or early March 1985. During the course of the contract they will represent the user interests and identify and monitor systems and data base development for their unique requirements. Upon completion they will assume operational responsibility for the system.



Subj: LAND USE MANAGEMENT SYSTEMS (LUMS) PROTOTYPE DEVELOPMENT

(3) POC's are requested by names, title and phone number to this Headquarters (LFL) by 20 February 1985.

b. Identify sites for LUMS hardware and work stations.

(1) A site is requested in time for LUMS hardware installation. Projections are that the hardware can operate in regular administrative space in a room sized 15 x 20 feet with air conditioning, lighting, and etc. MCB Camp Lejeune should select potential spaces in coordination with NCEL. More specific specifications will be available as the RFP solicitation progresses. If funds are expected to exceed local availability/approval authority, project planning and programming actions should be forwarded to this Headquarters. Some on-site administrative space will likely be necessary for resident contractor personnel as they proceed with project development and training.

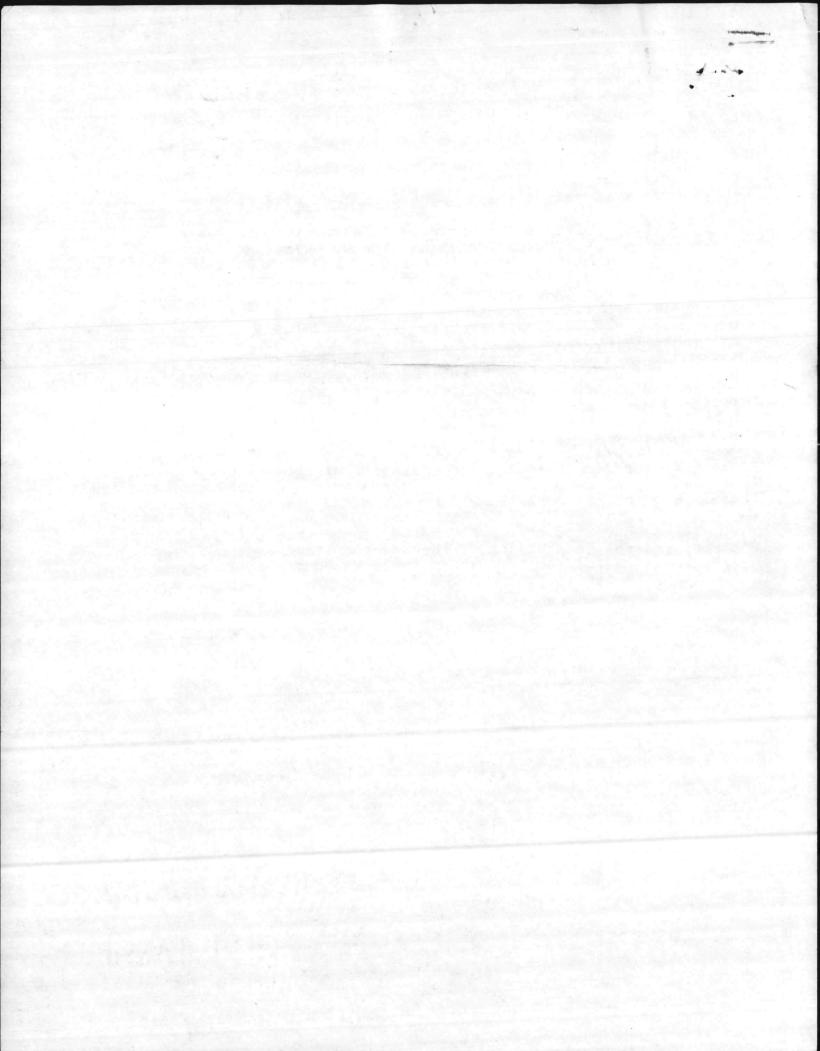
5. Upon contract award, NCEL will serve as this Headquarters' Contracting Officer Technical Representation (COTR) throughout the installation, training and operation of the prototype. NCEL will serve as the primary LUMS representative to coordinate the activities of the contractor, the POC's and the HQMC project team.

6. It is requested that MCB Camp Lejuene notify this Headquarters concerning the feasibility of these actions and any problem areas anticipated. Point of contact at this Headquarters is Mr. Marlo Acock (LFL), 696-1909.

ROBERT F. WEMMEUER By direction

Copy to: NCEL Marine Liaison NCEL

....



Some of the dates on Table 2 have Slipped. I hope the REP looks good when it comes next week lut

Land Use Management System (LUMS)

Rec 2-11-85

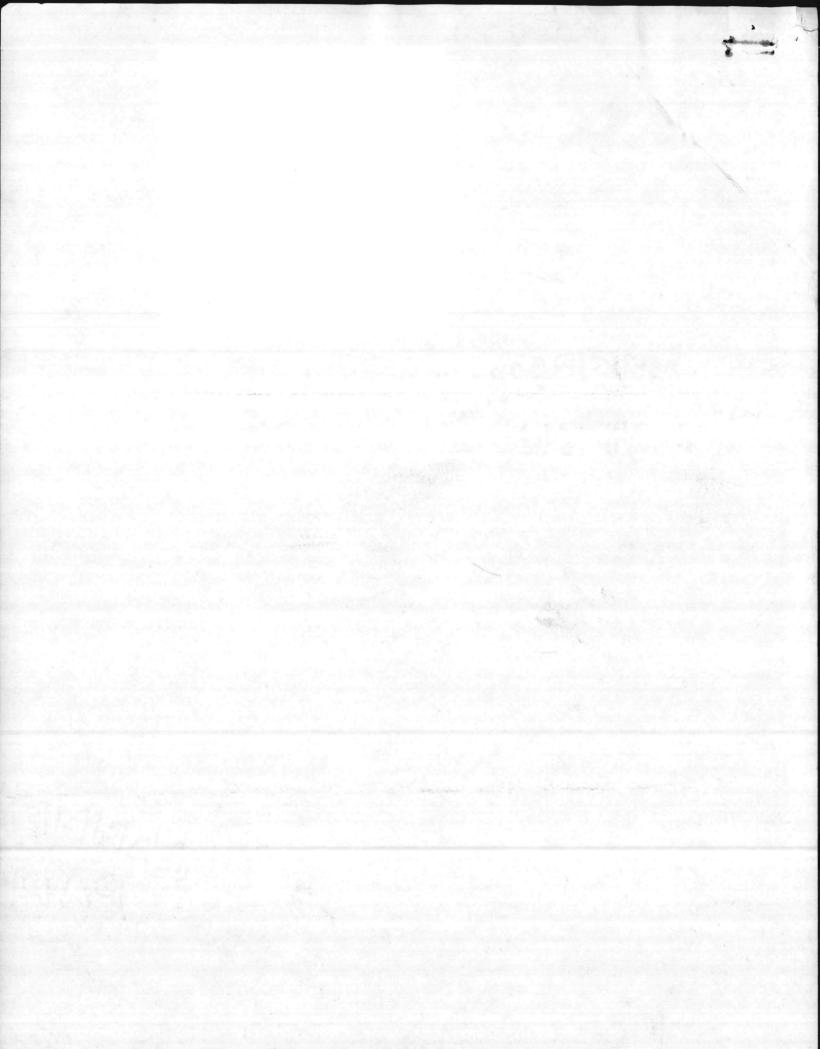
fill

0

0

()

System Decision Paper #1



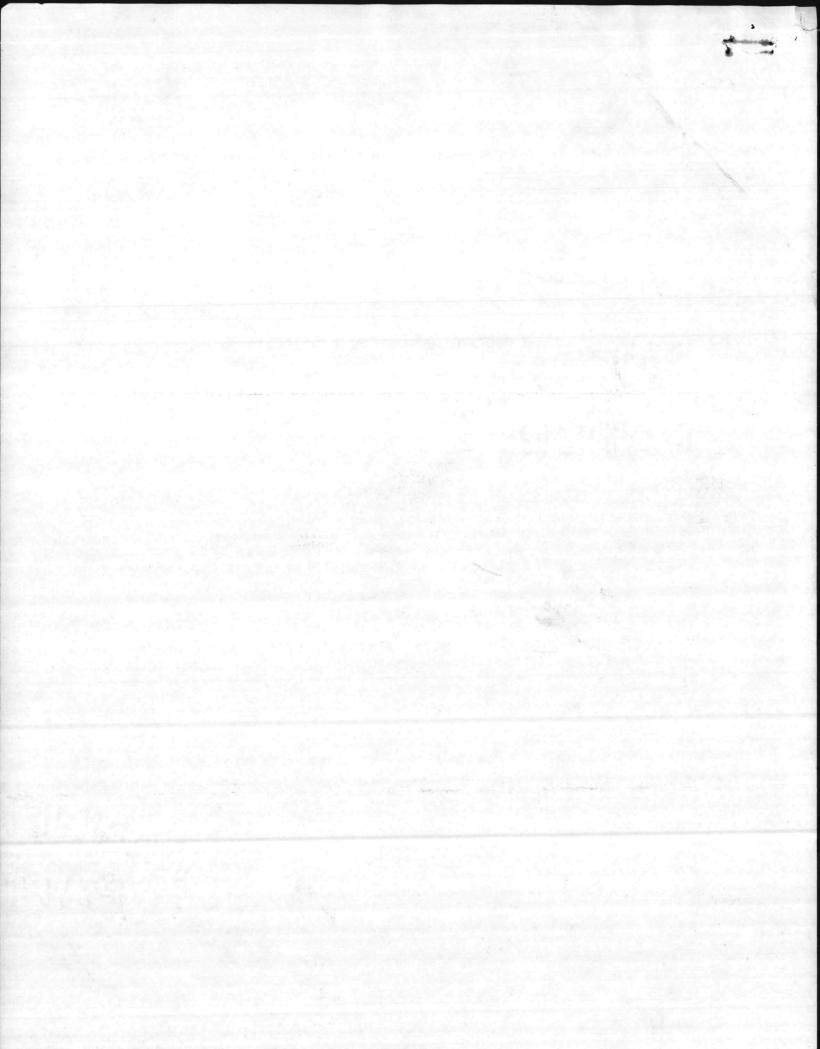
Land Use Management System (LUMS) System Decision Paper #1

All Pre 2-11-85

0

O

()



#### SECTION 1 EXECUTIVE SUMMARY

()

1.1 <u>Purpose</u>. The purpose of this paper is to summarize Phase I, Concept Development, and receive Steering Committee and Assistant Commandant of the Marine Corps approval for continued development of a Land Use Management System.

1.2 Discussion. Approval of this System Decision Paper will:

a. Conclude Phase I Concept Development, and initiate work on System Development.

b. Approve a concept for further developmental work with the installation of a prototype LUMS in FY-85.

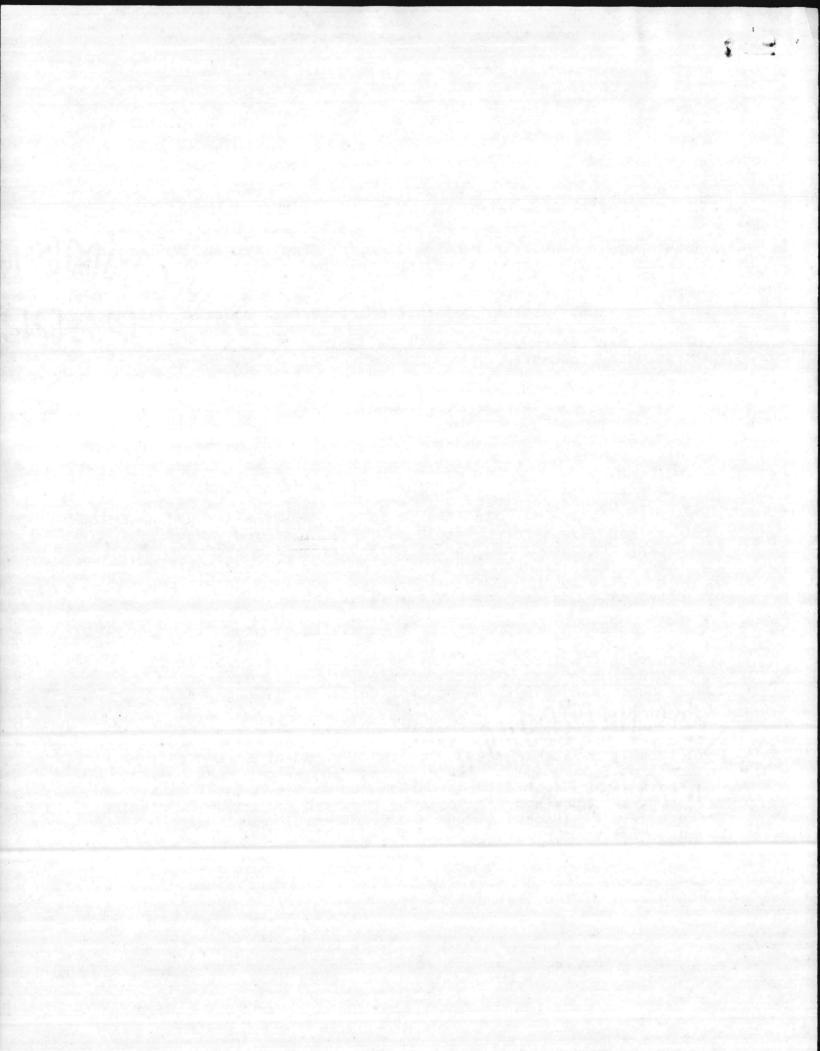
c. Authorize expenditure of FY-85 funds for continuation of LCM-AIS process.

1.3 <u>Project Initiation</u>. The Mission Elements Needs Statement (MENS) at TAB (B) received Assistant Commandant of the Marine Corps approval on 29 Jun 84. It identified the deficiencies and needs of land use management for multiple use (i.e. Training, Natural Resources) throughout the Marine Corps. The Life Cycle Management (LCM) process was initiated in the second quarter of FY-84 by establishing a project manager, steering committee, and project team. The Project Charter is at TAB (C).

The concept development phase consisted of producing documentation of the Marine Corps' land use management requirements. Included were the Feasibility Study (FS) at TAB (D), and the Economic Analysis (EA) at TAB (E). This phase of LCM is concluded upon the Assistant Commandant's approval.

1.4 <u>Description of Recommended Alternative</u>. The recommended alternative encompasses procuring, tailoring and deploying a commercially available stand alone mini-computer based Geographic Information System (GIS) with an integrated Remote Sensing Image Processing (IP) capability at each major Marine Corps activity (Figure 1). These systems would be known as Automated Processing Centers (APC's) (Figure 2) and would possess the following characteristics.

a. The hardware for each APC would consist of a standard mini-computer with commercially available graphics peripherals. Section 2.2e of the (FS) describes the hardware in detail.



### SECTION 1 EXECUTIVE SUMMARY CONT.

b. The application software for each APC would be based on a commercially procured GIS with an integrated IP capability. This basic software will be tailored to meet specific Marine Corps requirements which are documented in the LUMS Requirements Statement (RS), at TAB (F). The tailoring consists of writing executive procedures (macros) for input and output processing functions. These macro programs would be written in a high level data base querying and reporting language. Section 2.2d of the FS describes the software in more detail.

c. The initial data base for each APC will be converted from existing paper products to a digitized machine readable format.

d. Each APC would have a designated system manager.

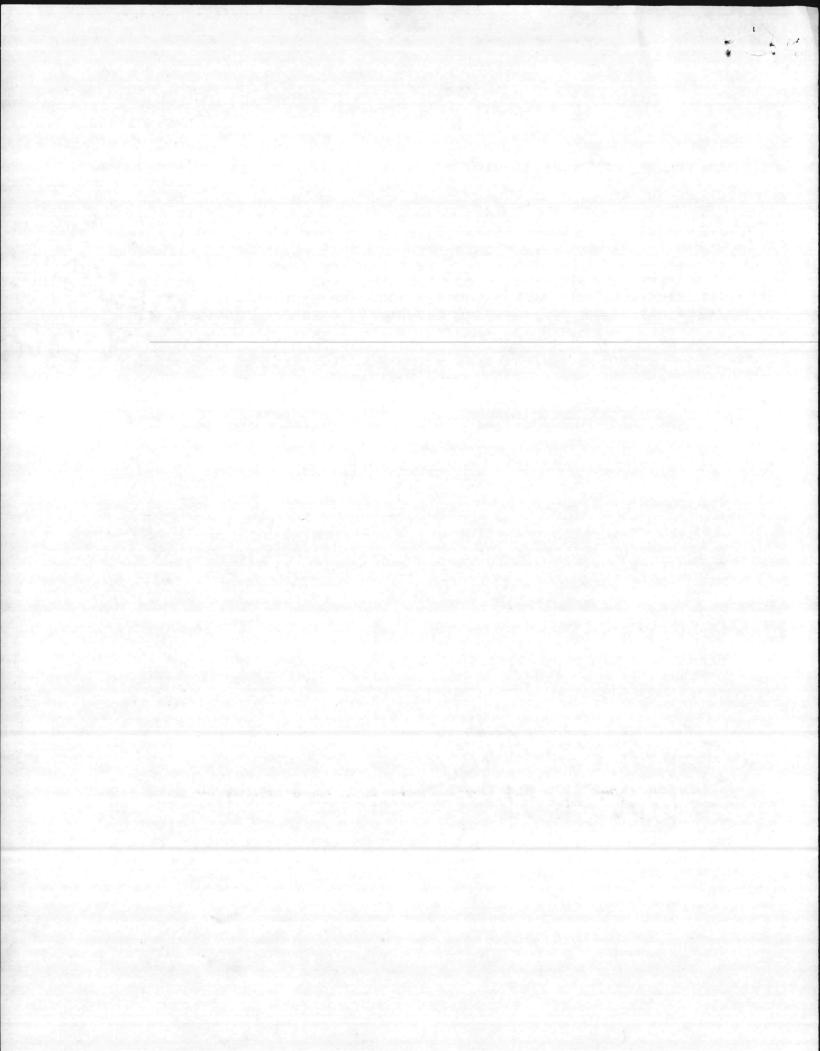
1.5 Issues.

a. Land use management data volumes have exceeded manual management capacity.

b. A mechanism for integrating diverse data elements within a management framework for timely analysis and response to support operations and training is currently lacking.

c. An automated information system is the most reasonable solution.

d. Off the shelf geographic information system is the only feasible approach to satisfy the issues in the MENS and RS.



### SECTION 2 ESSENTIAL ISSUES

2.1 <u>General</u>. The MENS identified current deficiencies and the capabilities necessary for the Marine Corps to respond to operational and legal mandates for land use management. The proposed system meets the functional requirements for making everyday land management decisions as described by the MENS, and the required capabilities established in the Requirements Statement. The characteristics of the APC provide the optimum combination of speed, flexibility, complexity and control of data. The functions of the proposed system encompass the following capabilities from the RS:

- a. Range and Other Land Use Scheduling
- b. Standard Access
- c. Standard Format
- d. Corridor Identification
- e. Rapid Site Plan Analysis
- f. Flexible Data Input
- g. Flexible Data Output
- h. Data Storage
- i. Historical Record

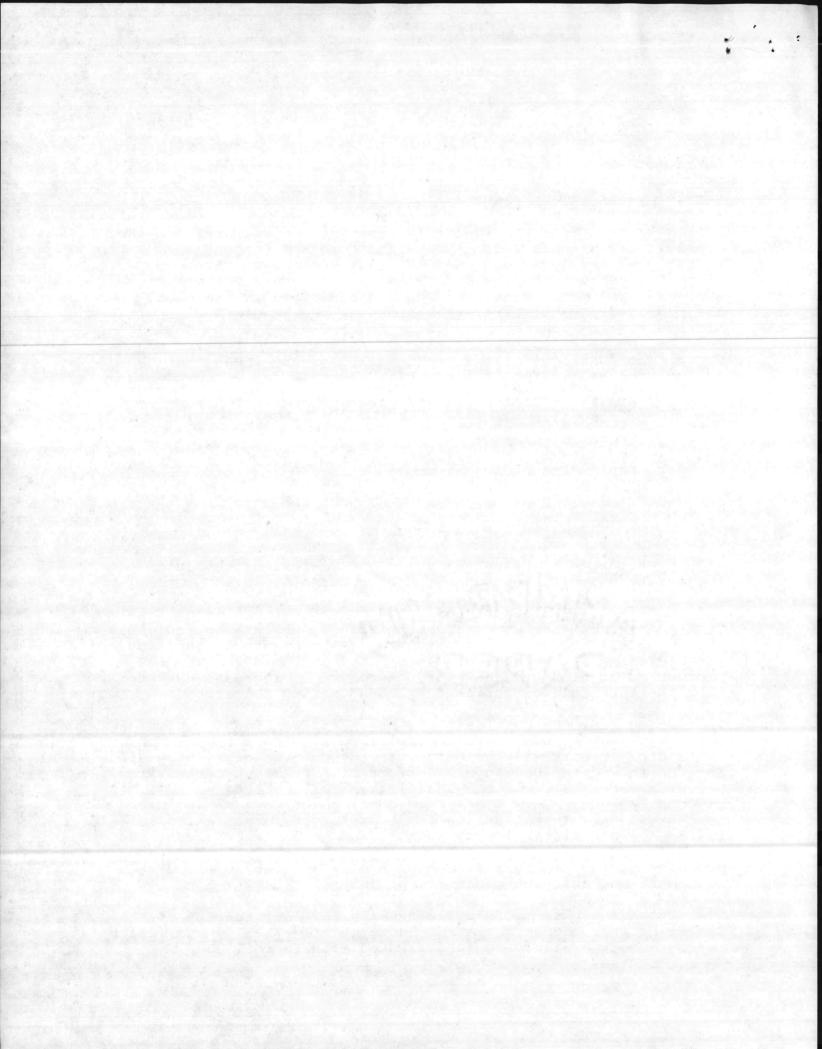
Other alternatives evaluated during the FS failed to provide sufficient capabilities to meet Marine Corps needs.

2.2 <u>Schedule</u>. The events completed during this phase of Life Cycle Management are summarized in Table 1, which also includes the technical support tasks performed. The events planned for Fiscal-year '85 thru FY-87 are contained in Table 2. The LCM process is accelerated, however, there are no increases greater than the threshold established by the Steering Committee.

2.3 <u>Resources</u>. Concept development and associated technical support tasks for LUMS were accomplished by NCEL personnel and contractor support with guidance from HQMC. The next phase will include the System Development effort of LCM-AIS through System Decision Paper III, and the installation of a prototype LUMS APC at Camp Lejeune, MCB. LCM system development work is estimated to cost \$135K. Installation of the prototype is estimated at \$34.5K for administrative preparation up to contract award, and \$117K for supervision of physical installation, evaluation, acceptance, and preliminary use of the APC prototype APC system equipment and software costs are projected at \$800k.

2.4 <u>Problem Areas</u>. Life cycle funding for continuation of the system has not been programmed. Consequently FY-85 funds will be reprogrammed. Failure to fund planned efforts for

-----



## SECTION 2 ESSENTIAL ISSUES CONT.

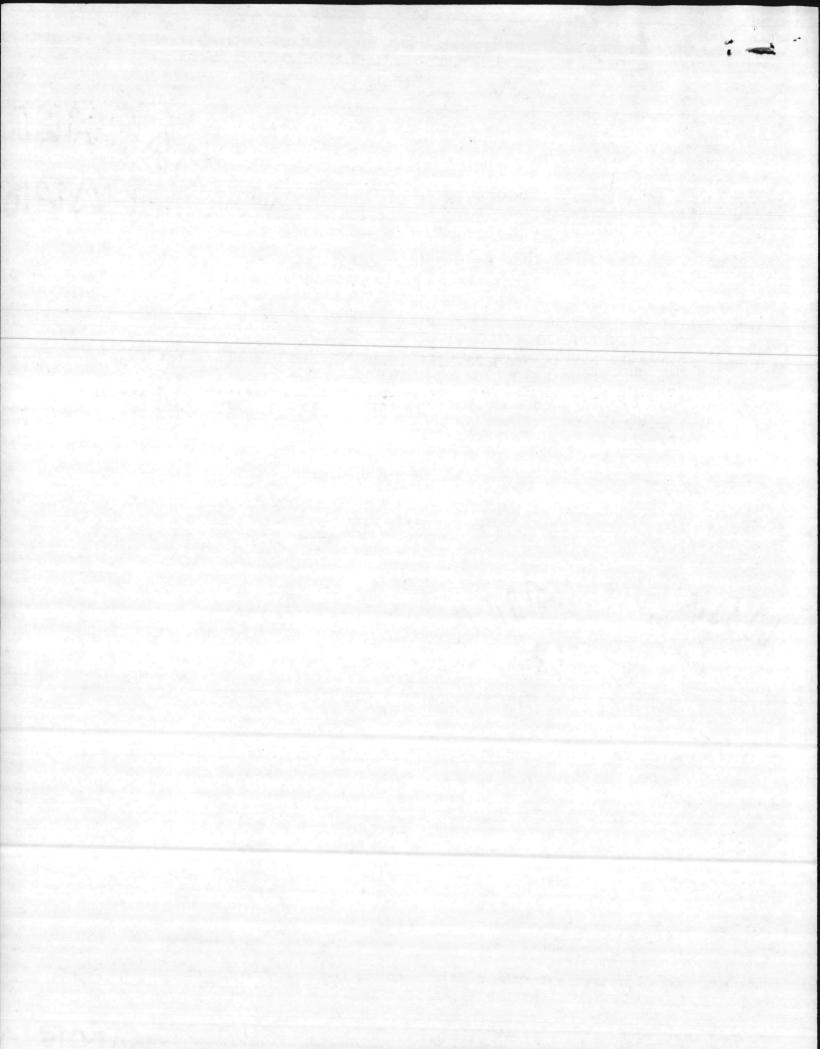
FY-85 in a timely manner will result in the project team being disbanded and reassigned to other projects. This creates several problems, including:

a. Immediate loss of project momentum.

b. Loss of corporate memory in technical as well as administrative areas.

c. Significant time delays in resolving Marine Corps wide, and activity specific (e.g. Camp Lejeune), requirements for land use management information.

d. Chaotic and uncoordinated approaches to compliance and management issues.



SECTION 3 APPROVAL

3.1 <u>Approval</u>. Approval of this decision paper sanctions continued project team activity. Approval has the following effects:

a. Immediate loss of

a. Concludes concept development phase and provides for system development.

Note: To initiate the LUMS Development Effort, environmental management funding (\$56,836 from Code LFL) is available for transfer to the Naval Civil Engineering Laboratory for the preparation of a Request for Proposal (RFP), preparation of Government Estimate for a prototype system, and for the preparation of Evaluation Criteria for selecting a successful contractor.

b. Establishes initial framework for a land use management system.

c. Authorizes installation of a prototype system at Camp Lejeune, MCB.

d. Authorizes FY-85/86 funds to complete life cycle management mandates and implement prototype installation.

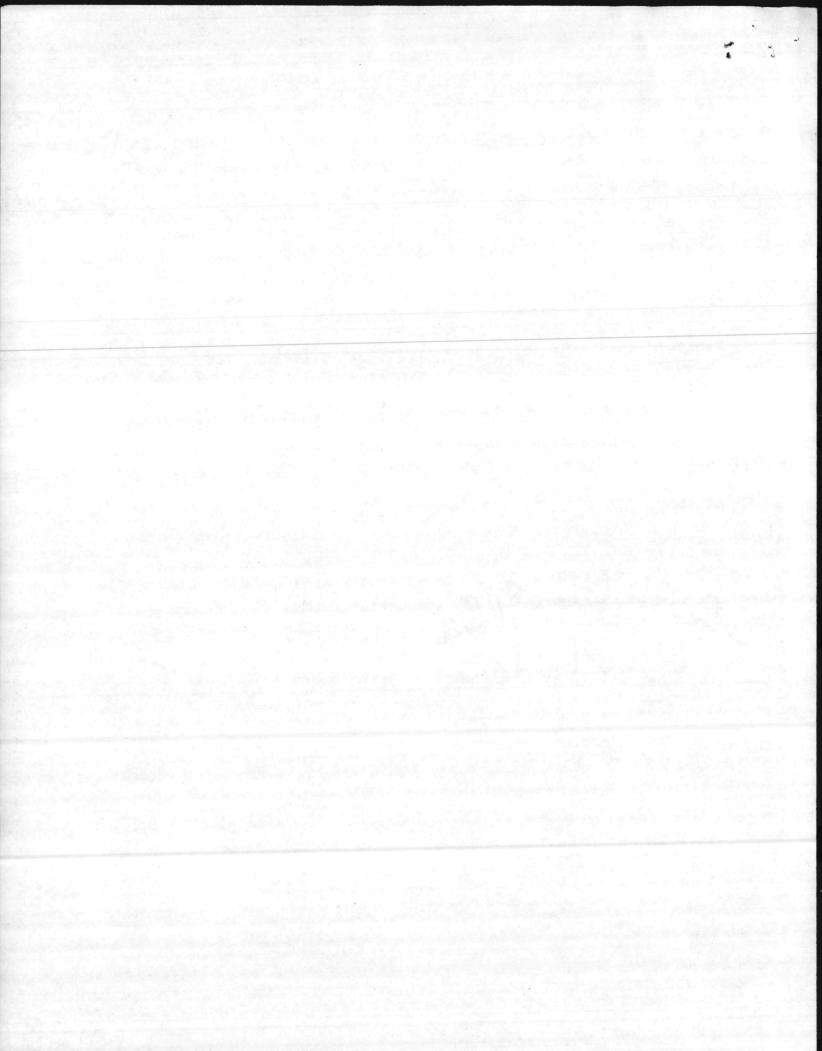
3.2 <u>Disapproval</u>. Disapproval of this decision paper would curtail development of a Marine Corps land use management system.

3.3 Project Manager Recommendation:

That this system decision paper be approved.

3.4 Steering Committee Recommendation:

That a Request for Proposal (RFP) be prepared for a prototype system for MCB Camp Lejeune, and that reprogramming actions to fund the implementation of the prototype system be actively pursued. -



LFL:MGA:j32

G. B. Crist Lieutenant General, USMC Deputy Chief of Staff for Installations and Logistics

E. T. Cook Jr.

Brigadier General, USMC Deputy Chief of Staff for Training

el)

Paul D. Slack Brigadier General, USMC Director, C4 Systems Division

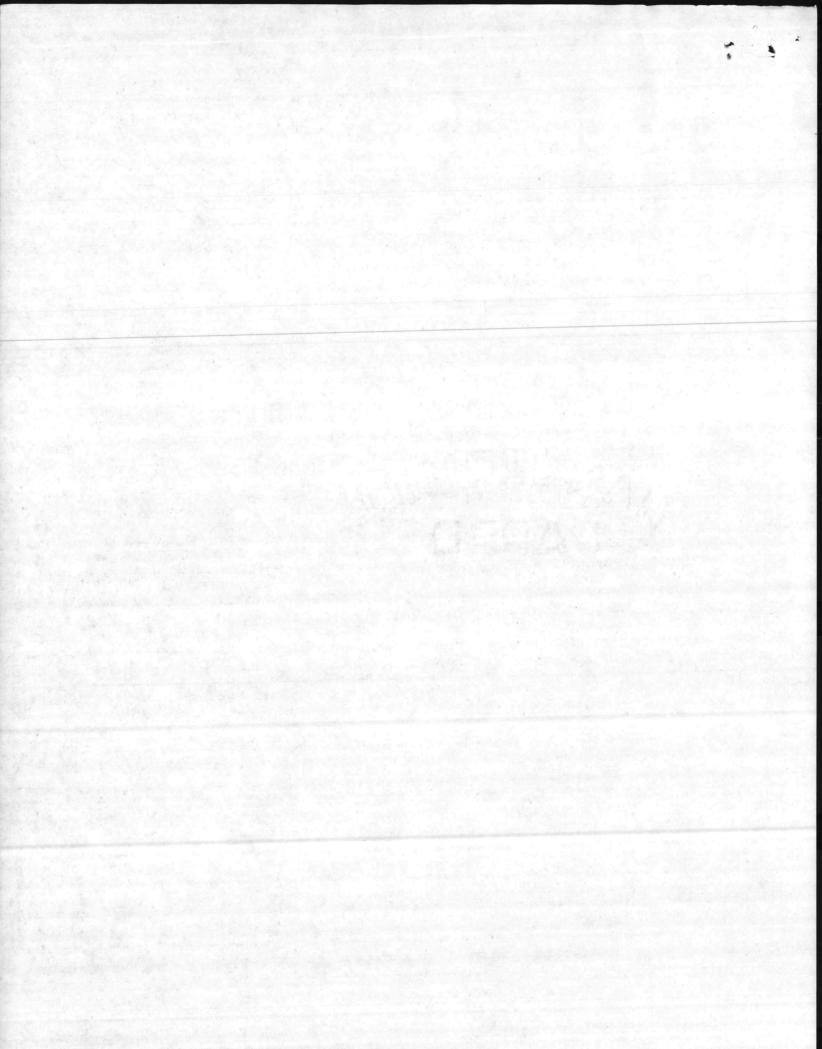
For Decision by the Assistant Commandant

C/S Recommends

Approval D'WAYNE GRAY Disapproval

ACMC Decision

1.30. REPRODUCED AT GOVERNMENT EXPENSE Approved K. DAVIS Disapproved



# Table 1

er

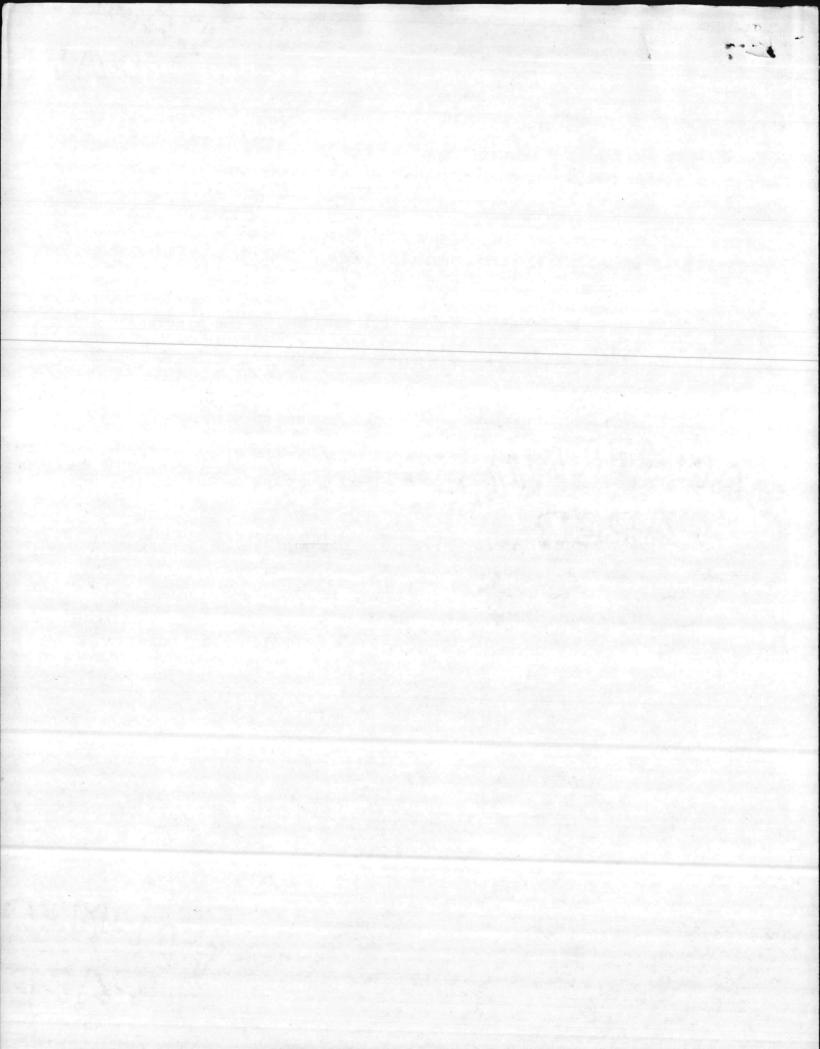
C

(

(

# Summary of Events Completed During Concept Development, LCM-AIS, and Technical Support Tasks

EVENT	: !	DATE		AGENCY
Mission Element Needs Statement	1	OCT	83	CMC
Project Management Plan	15	DEC	83	CMC
Project Management Charter	25	JUL	84	CMC
Requirements Statement	15	MAR	84	NCEL
Feasibility Study	1	OCT	84	NCEL
Economic Analysis	1	OCT	84	NCEL
Three-Five Year Plan of Action	15	JAN	84	NCEL
Scope and Enumeration of Camp Lejeune Natural Resources	15	FEB	84	NCEL
Scope and Enumeration of other Marine Corps Bases	30	SEP	84	NCEL
Technology Assessment	30	SEP	84	NCEL

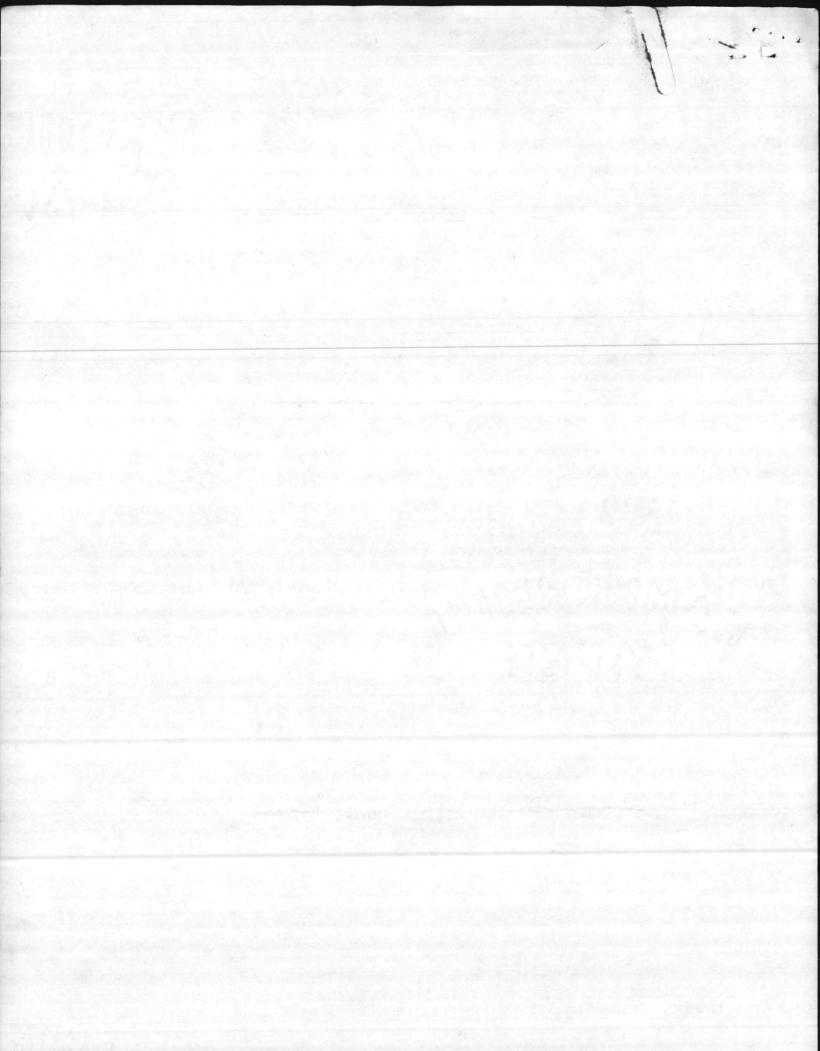


# Table 2 LUMS DEVELOPMENT EFFORT

		A	APPROXIMATE			
	TASK	_	TIME	FRAME		
1.	RFP for Prototype System - prepare Government Estimate	1	DEC	84		
	- prepare RFP Evaluation Criteria	1				
	- prepare RFP		JAN			
	- advertise		SEP			
	- award		DEC	85		
2.	Prototype Installation					
	- prepare site at Camp Lejeune	1	DEC	85		
	- install system	1	JAN	86		
	- construct data base	1	FEB	86		
	<ul> <li>training local personnel</li> </ul>	1	FEB	86		
	- adapt to local requirements	1	APR	86		
3.	Prototype Evaluation					
	- operate and evaluate	1	SEP	86		
	- report results		DEC			
	- certify	1	JAN	87		
4.	Implementation Plan	1	MAY	87		
5.	SDP III	1	AUG	87		
6.	Marine Corps Implementation	1	JAN	88		

0

(



Koust

UNITED STATES MARINE CORPS Marine Corps Base Camp Lejeune, North Carolina 28542-5001

> 1015 FAC

MEMORANDUM FOR THE COMMANDING GENERAL CHIEF OF STAFF

## Subj: LUMS DEVELOPMENT

Ref: (a) NCEL 271530Z Dec 84 (b) Dir, Fac&SvcsDiv, HQMC ltr 1015 LFL dtd 3 Jan 85

1. Reference (a) provided revised milestones for the LUMS Request for Proposal (RFP) and related actions:

T.	а	s	ĸ	

Gov't estimate for Prototype LUMS28 Jan 85RFP completed & published in CBD Hame11 Feb 85 (was Dec '84)RFP evaluation criteria11 Feb 85 (was Dec '84)Advertise for procurement of hardware4 Mar 85 (was Jan '85)Advertise for procurement of hardware5 Dec 85Award contractDec 85Site preparationDec 85Installation of hardwareJan 86Data base developmentFeb-Apr 86Prototype evaluationSep 86		rask Relph	Due	Dat	e				
Advertise for procurement of hardwareSep 85Award contractDec 85Site preparationDec 85Installation of hardwareJan 86Data base developmentFeb-Apr 86Prototype evaluationSep 86	Ø₽.	RFP completed & published in CBD Hame	11	Feb	85	(was	Dec	'24) 35)	
Installation of hardware Jan 86 Data base development Feb-Apr 86 Prototype evaluation Sep 86		Award contract		Sep Dec	85 85	<u> </u>		,	
Prototype evaluation Sep 86		Installation of hardware	lines in	Jan	86	86			
L' Har P		Prototype evaluation Future implementation plan		Sep	86				

Reference (a) included technical support requirements which 2. require input by Camp Lejeune:

--implementation plan

--software development priorities

--data base development plan

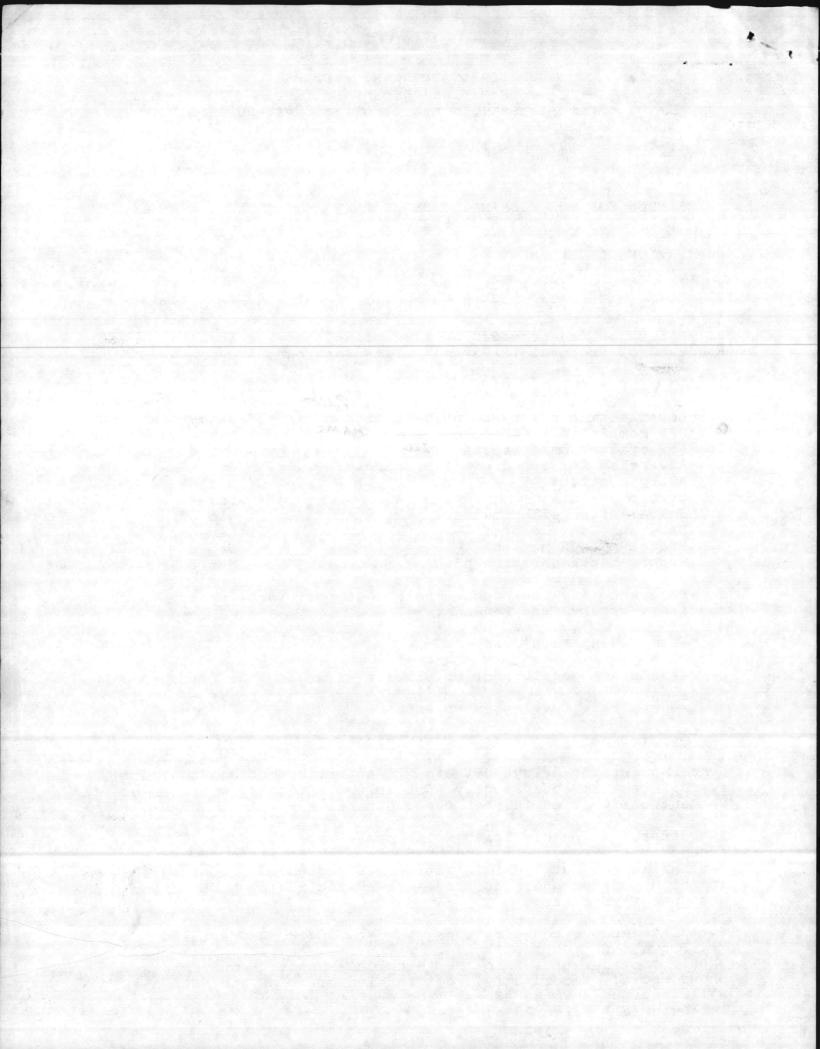
--personnel resources and training

Concerns for the delays between RFP advertisement and contract award were also addressed by NCEL in their request at reference (a) for authority to administer the contract.

Reference (b) clarified which tasks were to be performed by 3. the contractor, by NCEL, and by HQMC. Verification of time savings in contract administration was requested. HQMC agreed in the due dates and requested a re-evaluation by NCEL of the assignment of tasks.

4. In telephone conversations with Mr. Acock, CMC/LFL and Mr. Brown, NCEL, Mr. Alexander was advised that Camp Lejeune should provide input into the technical support requirements shown above. Accordingly, coordination with CMC and NCEL staff will continue and the RFP will be staffed upon receipt for review by all affected agencies at MCB

Co An +			arr ar	recteu	agenciesa	mco.	
10/1 10:	1-15	TNG BOSMAD	250	READ			
	Acis	BOSMAD	Brus	L-MA Erg		N6 P	





#### DEPARTMENT OF THE NAVY HEADQUARTERS UNITED STATES MARINE CORPS WASHINGTON, D.C. 20380

IN REPLY REFER TO 1015 LFL 0 3 JAN 1985

- From: Director, Facilities and Services Division
  To: Officer In Charge, Naval Civil Engineering Laboratory,
  Port Hueneme, CA
- Subj: LUMS DEVELOPMENT
- Ref: (a) Meeting Between Major F.D. Braaten (HQMC CODE LF) and Mr. T. Foresman (LUMS Proj." Mgr., NCEL) at 0900 on 27 Sep 1984
  - (b) NCEL Msg 271530Z Dec 84
  - (c) NAVCOMPT 2275 DOC M9545-85WR5V390

1. During the reference (a) meeting, a schedule of events for the development of the LUMS system, together with an associated Critical Path Method (CPM) chart, was discussed. It was agreed that this plan should be followed as the LUMS system development progresses through the outyears to final implementation.

2. This plan is reflected in the final draft of the System Decision Paper (SDP) I, now pending signature by the Assistant Commandant, Marine Corps. The plan also contained a series of funding estimates associated with the various tasks and a proposed schedule for the provision of those funds.

3. NCEL advised this Headquarters through reference (a) that this plan was satisfactory for LUMS development and that it was acceptable to NCEL. The funding actions requested by reference (b) reflect the funding schedule of the basic plan. This Headquarters has proceeded over the last three months on the assumption that the development of LUMS was following this course. Consequently, some aspects of the information contained in reference (b) are confusing. There seems to be an overlap between work which was to be accomplished by commercial contractor and that to be accomplished by NCEL.

4. In an effort to clarify tasks, the following is a recap of the work breakdown desired by this Headquarters:

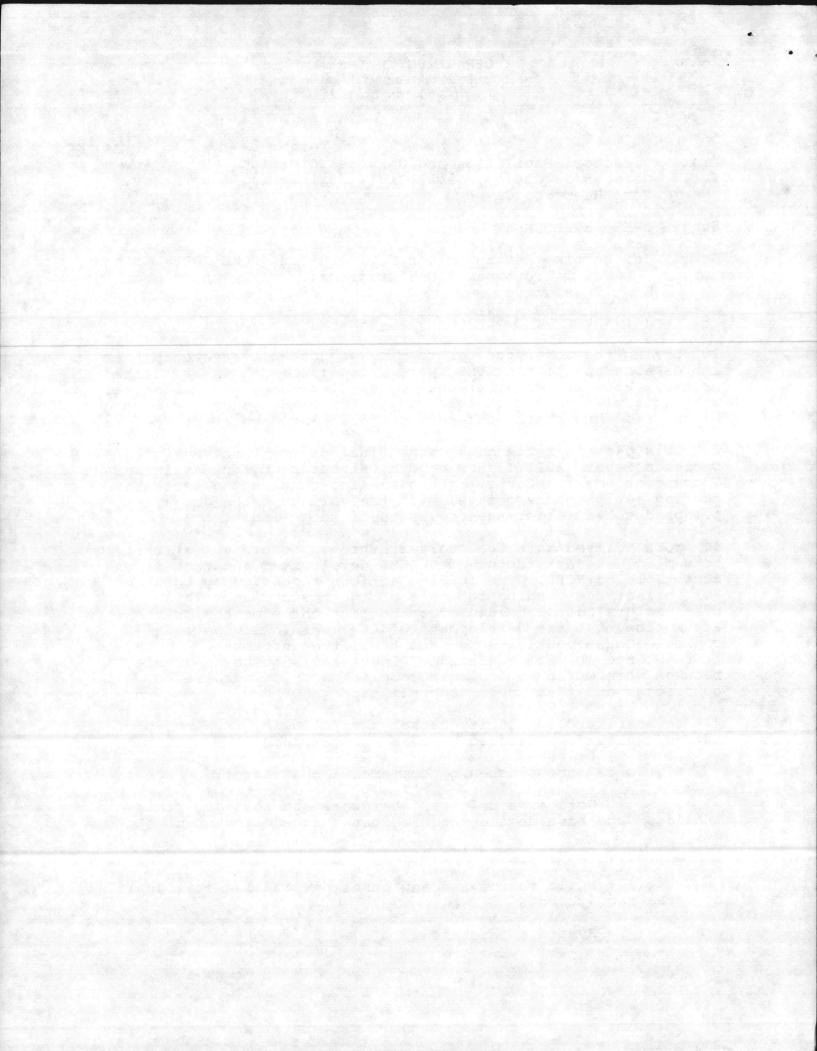
a. To be accomplished by commercial contractor:

(1) Deliver and install hardware and software (this includes data base development and range scheduling modules)

(2) Orient and train users

(3) Build macros and any other new modules as identified by local requirements

(4) System maintenance



## 11015 LFL

## Subj: LUMS DEVELOPMENT

b. To be accomplished by NCEL:

(1) Preparation of RFP to solicit the above work (includes government estimate and RFP evaluation criteria--funds provided for this task by reference (c))

(2) Screening of RFP respondents to recommend selection choice

(3) Assist Camp Lejeune personnel with site preparation

(4) Provide on-site coordination and technical advice as contractor point of contact while prototype work progresses

(5) Prepare on-site test evaluation criteria

(6) Evaluate prototype performance and report to HQMC

(7) Prepare Marine Corps wide implementation plan

(8) Prepare SDP III

c. To be accomplished by HQMC:

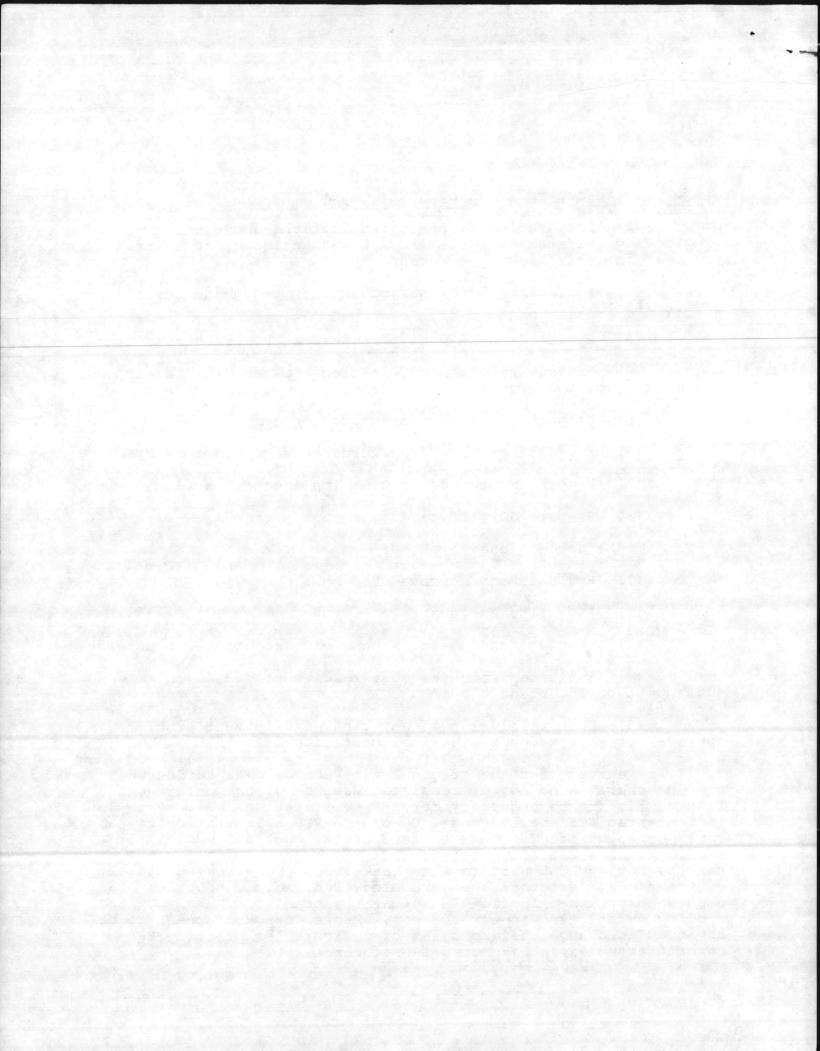
- (1) Evaluate and approve RFP
- (2) Advertise and award

(3) Provide funding for specific tasks as work progresses

(4) Evaluate prototype test results to decide on subsequent course of development

(5) Upon resolution of any final development problems, approve for Marine Corps wide implementation

5. It is agreed that the original time schedule as reflected in the CPM chart is no longer realistic because of the unforeseen lengthy timeframes necessary for RFP solicitation. Reference (b) indicates an NCEL belief that 40% of the RFP solicitation time could be saved if NCEL were to conduct the contract administration. If this can be verified, this Headquarters would be receptive to having NCEL perform this task vice HQMC. Reg. rdless of contract administrator, the chronology and logical sequence of events as outlined in the CPM appear reasonable. The associated funding events also appear correct. There does not appear to be any need to change the due dates of deliverables prior to RFP advertisement except as noted in reference (b).



#### Subj: LUMS DEVELOPMENT

6. There is concern at this Headquarters over the request for funds in reference (b). Many of the events, particularly items in subparagraphs b, d, e, and g, should be accomplished by contractor as a part of the original RFP. The request in reference (b) indicates that these items are not being included in the RFP now being written by NCEL.

7. The \$15,000 for travel referred to in reference (b) was intended for on-site visits by NCEL personnel to assist in site-preparation work and permit liaison with Camp Lejeune personnel as the RFP progresses. The \$80,672 originally included in the CPM is to fund work associated with RFP advertising, on-site test criteria development and RFP evaluation. It is not intended for Life Cycle Management documentation as indicated by reference (b). The next Life Cycle Management documentation required will be contingent on prototype test results.

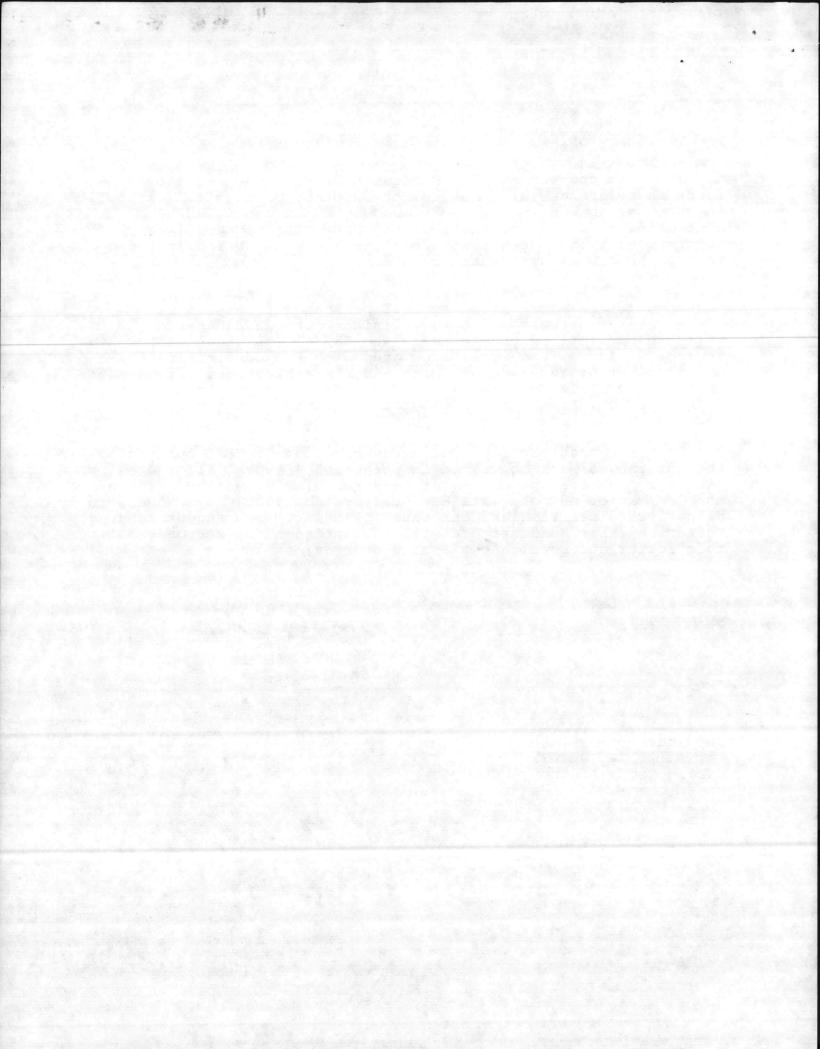
8. This Headquarters requests a reevaluation by NCEL concerning the outline of work contained in paragraph 4 above. If the taskings are not appropriate or acceptable or milestone dates of the CPM cannot be met, this Headquarters should be so advised, to allow reconsideration and continued planning. Subsequent funding actions by this Headquarters will be contingent on response to this letter and resultant planning changes, if any.

RADe

ROBERT F. WEMHEUER By direction

Copy to:

Marine Corps Liaison, NCEL



## ROUTINE

R 2715302 DEC 84

FM NAVCIVENGRLAB PORT HUENEME CA

TU CMC WASHINGTON PL

INFO CG MCB CAMP LEJEVNE NC

UNCLAS //N03900//

SUBJ: LUMS FY85 EFFORT

A. LUMS SYSTEM DECISION PAPER 1

B. MTG ETVIN M. ACTCK (CNC/LFL) AND P. BROWN (NAVCIVENGRLAP) OF

12 DEC 84

C. NAVCUMPT 2275 DUC. M9545-85WR5V390

1. FOR CODE LFL/ACUCK.

2. REF A CONTAINED THE RECOMMENDATION THAT A PROTOTYPE LUMS BE INSTALLED AT CAMP LEJEUNE, MCB, AND TENTATIVE MILESTONES FOR TECHNICAL SUPPORT BY NAVCIVENGRLAB TO ACCOMPLISH THAT GOAL, REF B RESULTED IN AGREEMENT AS TO MILESTONES FOR WORK INITIATED BY REF C ON 10 DEC 84. THE REVISION IS AS FOLLOWS:

TASK GOVERNMENT ESTIMATE FOR PROTOTYPE LUMS RFP FOR PROTOTYPE LUMS PROPOSAL EVALUATION CRITERIA

2. DTHER ISSUES DISCUSSED DURING REF B INCLUDED TECHNICAL SUPPORT REQUIREMENTS LEADING UP TO CONTRACT AWARD AND SYSTEM INSTALLATION AT CAMP LEJEUNE, MCB. THE FOLLOWING IS A LISTING DEFINED IN REF A, PRIOP TO CONTRACT AWARD:

A. DEFINITION OF THE IMPLEMENTATION PROCESS FOR INSTALLA-TION OF A PROTOTYPE LUNS - I.E. IMPLEMENTATION PLAN.

B. DEVELOPMENT OF THE PROTOCOL AND LOGIC FOR MACRO PRO-

TRNG(2)...INFD FOR CG MCB CAMP LEJEUNE(7) BCDS(1) BOSM(1) BSDD(1) CEOB(1) DICB(1) 03900/ 1/0110

BASE ADJ

RECALLED/

RTD:000-000/COPIES:0007

DUE DATE

28 JAN 85

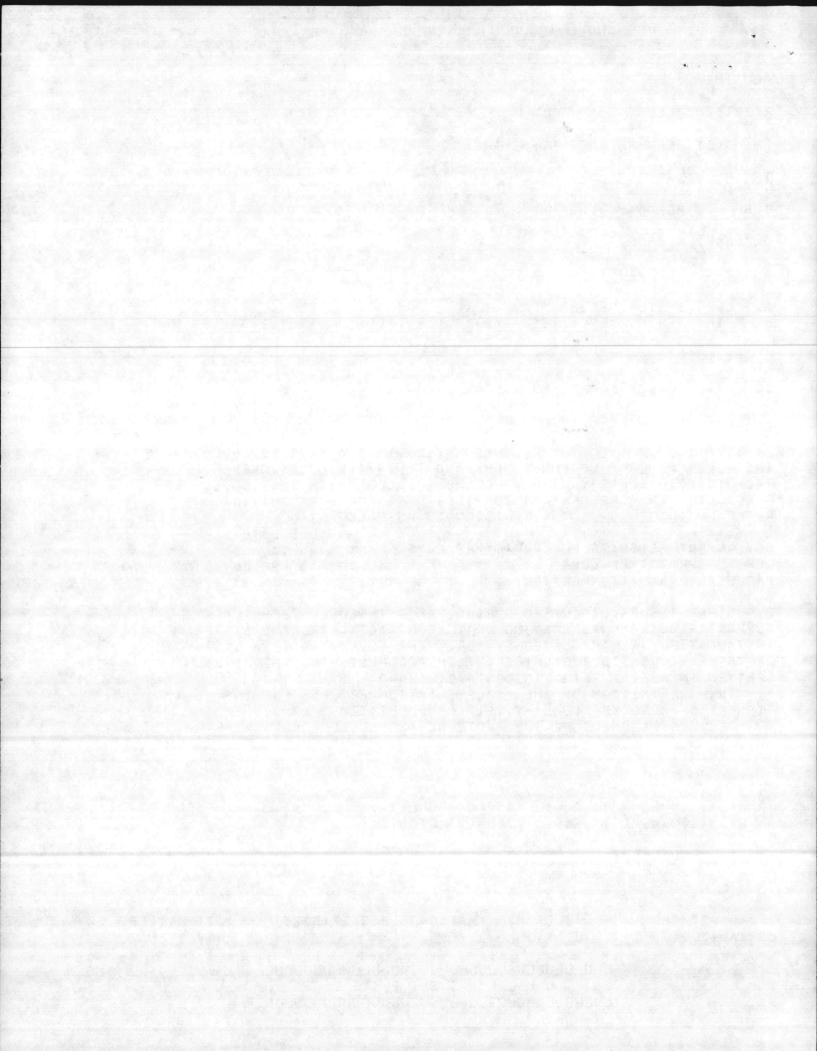
11 FEB 85

4 MAR 85

403822/363 CSN:AUIB00488

# 1 UF 2 MATA0426 363/22:32Z

271530Z DEC 84 NAVCIVENGRLAB



C. IDENTIFICATION AND PRIORITIZATION OF MACRO PROGRAMMING MODULES REQUIRED BY NATIONAL RESOURCES AND ENVIRONMENTAL AFFAIRS TO ACCOMPLISH THEIR MISSION IN A TIMELY MANNER UPON SYSTEM

INSTALLATION. D. DESIGN OF LUMS DATA BASE FOR CAMP LEJEUNE TO PRIORITIZE DATA BASE CONSTRUCTION AND ENSURE EFFICACY OF SYSTEM OPERATION FROM ONSET OF UTILIZATION.

E. PREPARATION OF CURRENTLY EXISTING DATA IN ACCORDANCE FITH FOREGOING DATA BASE DESIGN TO PERMIT TIMELY CONSTRUCTION OF THE DATA BASE.

F. DEVELOPMENT OF A TRANSITION PLAN FOR OPERATING PROCE-URES TO DECREASE AND PREVENT DISRUPTIONS TO WORKFLOW AND RODUCTIVITY.

G. DEVELOP A TRAINING CURRICULUM AND PLAN FOR RANGE SCHE-ULING AND NATURAL RESPURCE PERSONNEL TO ENSURE ADEQUATE SKILL EVELS AND EXPERTISE UPON SYSTEM INSTALLATION. ETAILS OF THE SCOPE OF EACH OF THE FOREGOING TASKS AND COST STIMATES TO FOLLOW UNDER SEPARATE COVER.

. WE REQUEST TRAVEL FUNDS, IN THE AMOUNT OF \$15K, DRIGINALLY CHEDULED FOR TRANSFER ON 1 DEC 84 BE MADE AVAILABLE ASAP.

. WE ALSO REQUEST FUMDING TO CONTINUE WITH DOCUMENTATION RE-UIRED BY MARINE CORPS ORDER P5231.1, LIFE CYCLE MANAGEMENT FOR UTOMATED INFORMATION SYSTEMS. ORIGINAL ESTIMATE OF \$80,672 BY AJ BRAADEN, CMC, SCHEDULED FOR TRANSFER ON 1 JAN 85 IS STILL CCURATE.

• WE REGARD APPROXIMATE TIME FRAME OF 1 JAN 86 FOR INSTALLATION F LUMS PROTOTYPE CONTAINED IN REF X IS INADVISABLE. THE XCESSIVE TIME DELAY BETWEEN THE COMPLETION OF REP AND CONTRACT WARD WILL NEGATIVELY IMPACT PROJECT MOMENTUM AND RESULT IN RE-SSIGNMENT OF LUMS TEAM MEMBERS. THIS WILL CAUSE SIGINFICANT ELAYS AFTER CONTRACT AWARD AND A LOSS OF EXPERTISE CRITICAL TO UCCESSFUL IMPLEMENTATION. WE RECOMMEND A REVIEW OF THE DECISION S TO WHICH AGENCY WILL ADVERTISE REP AND AWARD THE CONTRACT. HIS COMMAND PROJECTS A 40 PERCENT REDUCTION OF TIME REQUIREMENTS F TECHNICAL SUPPORT FOR ADVERTISEMENT AND CONTRACT AWARD ARE ANDLED BY NAVCIVENGRLAB.

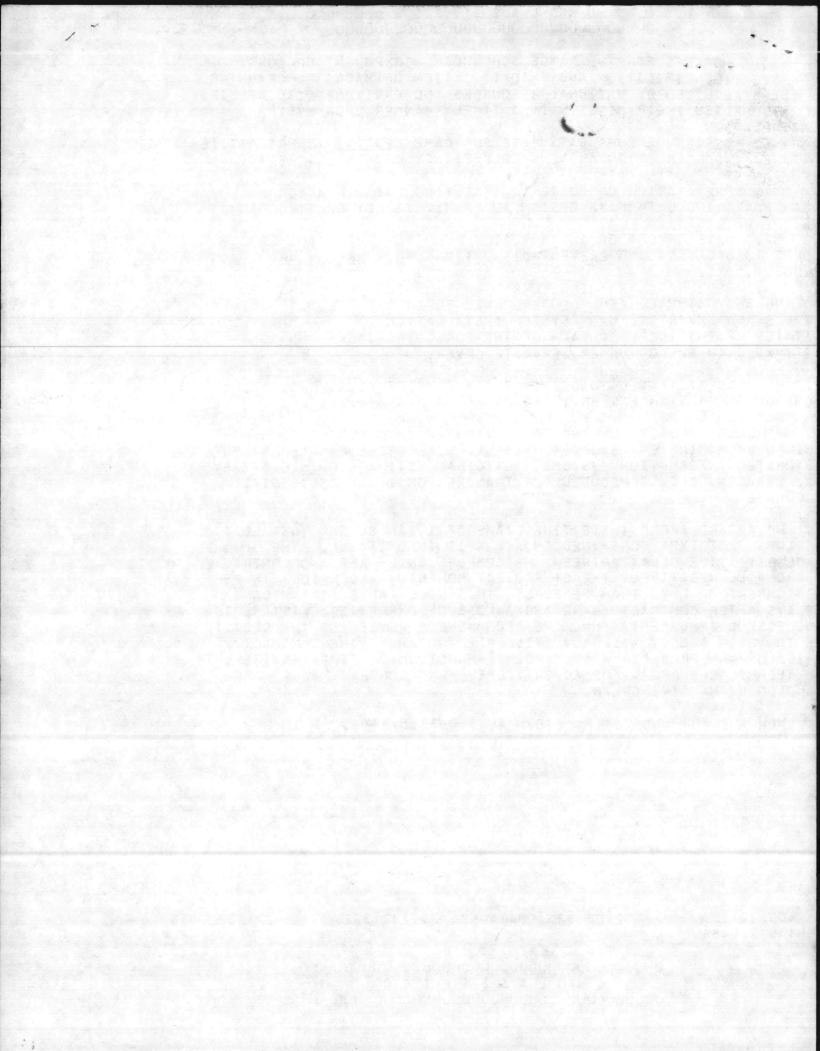
. NEW POC FOR LUMS IS R. BROWN AV 360-3115/4496.

Т

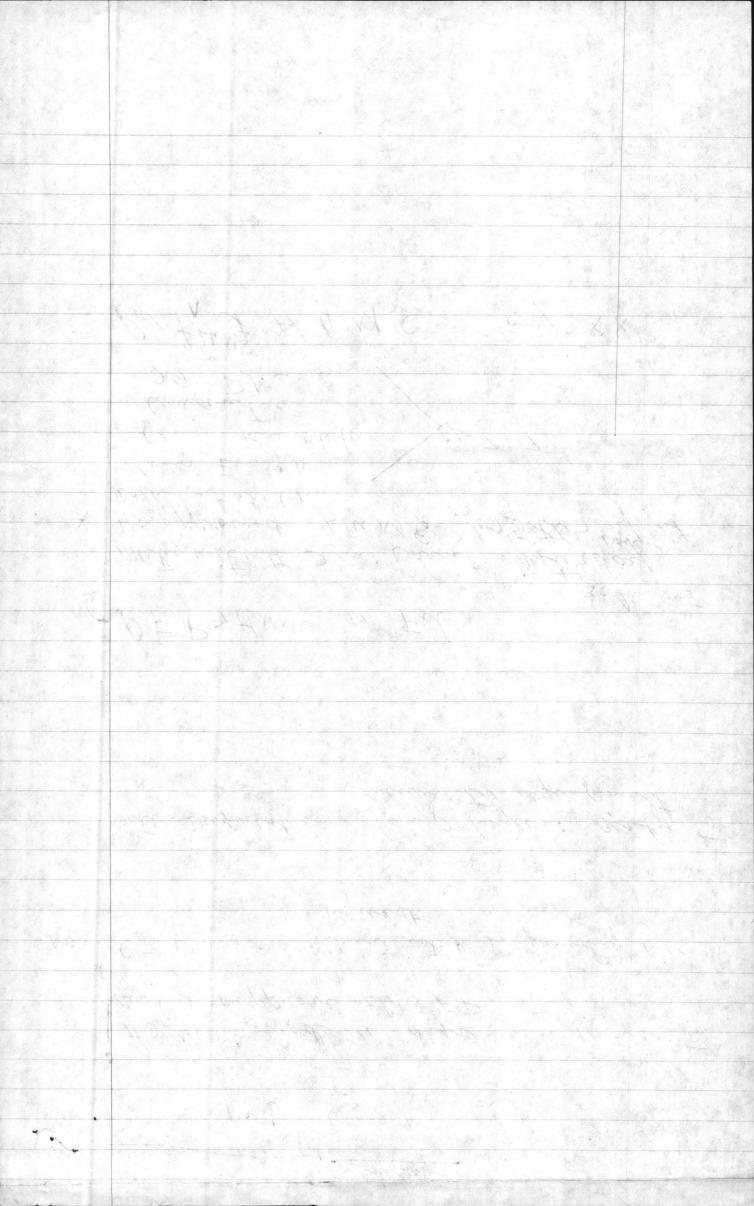
403822/363 5N:AUIB00488

#### 2 UF 2 MATA0426 363/22:32Z

271530Z DEC 84 NAVCIVENGRLAB



Not a preamaged Scheduled 3-4-85 File LUMS HQMC: needs 45 days from 11 Fib to wiew + approve the EFP To CBD - Up interested in prouding GIS request Site preparation Camp Lijeune ready to GRFP>HQMC 11 Feb metig with HD en Christ Yesterday He approved LUME for 5 other barry it work out at C.r. Comp E +W Comp Pundlelo FY-87 Quantice J9 Plan Camp E + W Partnat HQMC FY 88 · · ·



360-3115/4496 Ralph ·LUMS Request for Proposal due at HQMC 11 Feb 85 Naval Guil Eng Lab, Port Human HQMC + CL will review paper R F P 45 days advortize in Commerce Buseness Darley for Those interested in a GIS for MCBCL may 85 Sypt 85 abortize for procurement Award Contract > Site Preparation > Dec 85 Jan 86 unsallation of Hardevare HOME Litter will be coming soon 4. Requesting Base designate a tocal POC 2. Select a Site for System 2. Identify Utility Requirements 3. Fundany Reg On Tureday IT Sen Christ approved LUMS for 5 other Bases if the CL system Worth 1. Camp Pundleton 2. Quarter FV.87 3. 29 Plan 4. COMCABE 5. COMCAB W

P NT 4 The Print of the AN AN See Marine State S. W.S. Fill 13. 8 1.1 All a left of the Later State of the Such a site way such Contraction of the second second second 2 C 1 a property of 12 1 N 325 1 1 2 C 1 The first first first 18 22 The Course and the State Bar Wex had Medelleytered & en 12 61 3 1. 19. 6. Call the left i and to me weather the construction S.S. 143 AD17 SATC VIG A Charles 2 the section Il a con AN AT ST the gard the a College Co