

**MARINE CORPS SUPPORT PLAN  
FOR  
NAVY MARINE CORPS INTRANET  
GOVERNMENT FURNISHED  
FACILITIES**



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## **Part 1 - Introduction**

The Assistant Secretary of the Navy for Research and Development, Acquisition (ASN RDA) identified the Navy Marine Corps Intranet (NMCI) as an immediate need for both the United States Navy and the United States Marine Corps. In turn, the Program Executive Officer for Information Technology (PEO-IT) was directed to explore, develop and implement a streamlined approach to award an NMCI contract. Next followed the formation of a working partnership with the Office of the Chief of Naval Operations (OPNAV), Department of the Navy Chief Information Officer (DON CIO), Deputy Assistant Secretary of the Navy for Command, Control, Communications, Computers & Intelligence (C4I), and the Marine Corps CIO. A draft Request for Proposal (RFP) was issued in September of 1999 and an interactive web page was put in place to allow technical experts to resolve issues electronically. Additionally, visits and briefings were conducted to investigate state-of-the-art technologies across the Information Technology (IT) Industry, and Action Coordination Teams and Focus Groups were established with Navy and Marine Corps claimants to increase involvement and discuss issues facing the contract team. The Final RFP was endorsed by the Office of the Secretary of Defense and issued on December 12, 1999. The NMCI contract was awarded to Electronic Data Systems (EDS) in October 2000.

NMCI is a massive, enterprise-wide initiative that will make the full range of network-based information services available to Sailors and Marines for day-to-day activities and in war. It is projected that NMCI will:

- Enable faster, better, more secure decision-making.
- Replace thousands of independent networks ashore with one secure network.
- Ultimately provide a seamless flow of information DON.
- Provide voice, video and data communications for all civilian and military personnel within DON including deployed forces.
- Include training, maintenance operation and infrastructure.
- Be a long term, performance based contract for a standardized end-to-end information service.
- Be based upon customer needs and customer satisfaction.
- Include a strong commitment to DON IT personnel and small business issues.
- Demonstrate DONs commitment to its revolution military affairs and in business affairs.

In execution of the contract, the EDS Information Strike Force (ISF) will administer 4 Regional Network Operations Centers (NOC), 1 Global NOC, (GNOC), 2 Enterprise Management Facilities (EMF) at Naval Air Station Jacksonville, FL and Naval Station (NS) Bremerton, WA, 2 Help Desks 1 in San Diego, CA and 1 in Norfolk, VA, 66 or more server farms and Base Level Support (BLS) tied to the server farms for initiation and administrative support of NMCI and one Point of Presence (POP) at Marine Corps Base Okinawa, Japan, Camp Fuji. The Government is contractually responsible for providing Government Furnished Facilities (GFF) to ISF at no cost to EDS in the amount of space needed to establish the above operations. This support plan will address the GFF required to be provided by the Marine Corps in execution of the NMCI contract. It will identify the Marine Corps activities that will be involved in providing GFF, the amount of space that each activity will provide and the estimated timetable for this provision. It is a living document that will change from time to time when requirements are revised or new requirements are identified.

## **Part 2 -The Marine Corps Requirement to Provide GFF**

In accordance with Paragraph 5.6 of the NMCI contract, the Marine Corps is contractually bound to provide GFF to EDS (Appendix A is a NMCI contract excerpt of Paragraph 5.6). The Navy is responsible for providing facilities to house three of the NOCs, and the Marine Corps was to provide facilities for housing the GNOC at Marine Corps Base (MCB) Quantico, VA. This GNOC was to include a Northeast (NE) Regional NOC and a Quantico Server Farm. Quantico is considered an ideal place to locate the GNOC because it is within 30 miles of the Nation's Capital and is readily available for visits by members of Congress and other very important persons (VIP). As of the date of this plan, EDS has not accepted any of the spaces offered by MCB Quantico for a GNOC, a NE Regional NOC, or a Quantico Server Farm. The GNOC is being planned for location at Norfolk, VA. The NE Regional NOC is being considered for location at one of five recommended sites; Mechanicsburg, PA, Philadelphia, PA, MCB Quantico, Marine Corps Air Station (MCAS) Cherry Point and Marine Corps Logistics Base (MCLB) Albany, GA. The site selection is expected soon after Rear Admiral Munns, NMCI Director, confers with SECNAV. MCB Quantico is also searching for facilities to offer for a very large server farm.

The Marine Corps would still like to house the GNOC as currently stated in the NMCI contract. A campus solution was offered to EDS at MCB Quantico in March of 2002 and space at MCLB Albany is also available. EDS has declined both of these offers. The Marine Corps is responsible for providing 1 POP and 15 server farms at 13 activities along with BLS. BLS is space provided for support of EDS during NMCI implementation and ongoing operations consisting of both permanent and temporary space for administration and warehousing. Ideally, BLS will be located adjacent to the server farms, but that is not a requirement. BLS location next to or as close to the server farms as possible should be the target of commands furnishing the space. At this time, the Marine Corps is not required to furnish facilities for Help Desks. The Navy has provided spaces for the Norfolk, VA, and San Diego, CA, Help Desks.

### **Part 3 - Size Requirements for Space Provided to House the GNOC, Server Farms, and BLS**

PEO-IT WASHINGTON DC DTG 111521Z JUL 01 outlines space requirements for GNOC server farms and BLS GFF. (Appendix B contains the above-cited message). The current GFF requirements in accordance with the this message is as follows:

Depending on final decision and modification to the NMCI Contract, the Marine Corps may be required to provide 65,000 sq ft for a GNOC or 40,000 sq ft for a NE Regional NOC at either MCB Quantico, VA, MCAS Cherry Point, NC or MCLB Albany, GA.

Server Farms;

- Small – 1,850 sq ft
- Medium – 3,000 sq ft
- Large – 4,850 sq ft
- Very Large – 7,250 sq ft

BLS;

- Small – 4,700 sq ft consisting of 700 sq ft of permanent administration space, 400 sq ft of temporary administration space, 1,600 sq ft of permanent warehousing space, and 2,000 sq ft of temporary warehousing space.
- Medium – 6,600 sq ft consisting of 1,100 sq ft of permanent administration space, 1,300 sq ft of temporary administration space, 1,700 sq ft of permanent warehousing space, and 2,500 sq ft of temporary warehousing space.
- Large – 10,000 sq ft consisting of 2,200 sq ft of permanent administration space, 1,800 sq ft of temporary administration space, 3,000 sq ft of permanent warehousing space, and 3,000 sq ft of temporary warehousing space.
- Very Large – 14,000 sq ft consisting of 3,000 sq ft of permanent administration space, 2,500 sq ft of temporary administration space, 3,600 sq ft of permanent warehousing space, and 5,000 sq ft of temporary warehousing space.

The temporary warehouse space will be required from the start of the server farm build-out through the rollout of the NMCI seats. Temporary administrative space will be used to support site-required transition and the length of time will be determined on a site-by-site basis.

EDS has developed an ISF Facilities Standards document that, in their words, is “intended to be used as a template, or guide for the design and construction of a NMCI server farm facility.” It is general in nature but it defines the Commercial Standards that will be applied to the design of a new facility. It should not be construed to be the final contract document specification.”

According to EDS, “In addition to being a template for a new facility, it may also be used as a guideline in evaluating existing facilities.” The document can be found in the Navy Marine Corps Intranet (NMCI) Execution Plan of 5 October 2001, Appendix K, available on the ISF NMCI Web Page ([www.eds.com/nmci](http://www.eds.com/nmci)).

This document outlines Site Baselines, Building Guidelines, Mechanical Building Guidelines, Electrical Building Guidelines and Security Systems Guidelines. Those Marine Corps activities responsible for providing GFF should become familiar with the contents of ISF Facilities Standards and refer to it often.

## **Part 4 - Marine Corps Individual Command GFF Responsibility**

In addition to the possible provision of space for a GNOC or a Northeast Regional NOC, the Marine Corps is responsible for providing EDS with GFF for server farms and BLS at thirteen sites including Quantico and one Point of Presence (POP). These sites with corresponding size requirements are as follows:

- MCB Quantico, VA – Very Large
- MCB Camp Lejeune, NC – Very Large
- MCAS Cherry Point, NC – Large
- MCAS Beaufort, SC – Medium
- Marine Corps Recruiting Depot (MCRD) Parris Island, SC – Medium
- MCLB Albany, GA – Medium
- MCB Camp Pendleton, CA – Very Large
- Marine Air Ground Task Force Training Center (MAGTFTC) 29 Palms, CA – Medium
- MCAS Yuma, AZ – Medium
- MCB Hawaii, Kaneohe Bay – Medium
- MCB Hawaii, Camp Smith – Medium
- MCAS Miramar, CA – Medium
- MCB Okinawa, Japan, Camp Foster – Large
- MCB Okinawa, Japan, Camp Hansen – Medium
- MCB Okinawa, Japan, Camp Fuji – POP
- MCAS Iwakuni, Japan – Medium

Appendix C is a matrix showing Marine Corps locations, estimated dates for EDS Assumption of Responsibility (AOR) in accordance with the NMCI Contract, and square footage required for server farms and BLS at each location.

Marine Corps Commands should identify sites for server farms and BLS as early as possible. The goal is to identify and get approval from command facilities and the concurrence of EDS, as suitable, more than six months before AOR. Early identification is essential because it takes three months for EDS to build out the spaces and server farms must be ready two months before AOR. Basic office furniture, other base operating support (OBOS) requirements such as heat, light, ventilation, electric service outlets, etc., and real property maintenance (RPM) must also be provided at no cost to EDS. Because the government budget process requires budgeting up to six years in advance, and many of the buildings offered to EDS will be used for supporting IT for the first time, funds for RPM and OBOS represent an “unfunded mandate” problem. The estimated costs for these requirements at some of the affected sites are as shown in Table 4-1 below:

<b>TABLE 4-1. ESTIMATED GFF RPM AND OBOS COST FROM SOME AFFECTED SITES</b>			
<b>ACTIVITY</b>	<b>RPM</b>	<b>OBOS</b>	<b>TOTAL COST</b>
MCB Camp Lejeune, NC	\$54,000.00	\$38,000.00	\$92,000.00
MCAS Cherry Point, NC	\$11,000.00	\$8,000.00	\$19,000.00
MCRD Parris Island, SC	\$20,000.00	\$14,000.00	\$34,000.00
MCLB Albany, GA	\$20,000.00	\$14,000.00	\$34,000.00
MCB Camp Pendleton, CA	\$54,000.00	\$3,000,000.00	\$3,054,000.00
MAGTFTC 29 Palms, CA	\$20,000.00	\$14,000.00	\$34,000.00
MCAS Yuma, AZ	\$14,000.00	\$10,000.00	\$24,000.00
MCB Kaneohe Bay, HI	\$20,000.00	\$14,000.00	\$34,000.00
Camp Smith, HI	\$20,000.00	\$14,000.00	\$34,000.00
MCAS Miramar, CA	\$20,000.00	\$14,000.00	\$34,000.00

Affected activities also need to turn over to EDS the Marine Corps Enterprise Network Information Technology (MCEN IT) infrastructure required to implement NMCI. This includes hubs, routers, switchers, structure premise wiring (fiber, copper, etc.), and outside plant fiber, copper wire etc., associated with data only and covered under the contract shared infrastructure clause. Video teleconferencing equipment, workstations, printers and other government property specifically associated with seats orders must also be turned over. In cases where the ordered seat rates only a workstation, any peripherals must be turned into the local supply/property activity unless the peripherals involved are compatible with EDS policy. That policy allows existing peripheral use in limited circumstances that are Windows 2000 compatible, meet EDS security requirements and have no impact on EDS ability to meet the NMCI contract service level agreements (SLA) (Ref: [www.eds.com/nmci](http://www.eds.com/nmci), FAQs).

## **Part 5 - Status of GFF at Individual Marine Corps Activities**

The following information is as of the date of this document. GFF status changes rapidly and the latest information can be found on the Marine Corps NMCI Information Site ([www.nmciinfo.usmc.mil](http://www.nmciinfo.usmc.mil)). EDS has visited all the activities and has reviewed the GFF offered for conversion to NMCI. Of the thirteen activities looked at, five have been accepted, two have offer letters submitted without official acceptance by EDS, one needs an offer letter submitted and two need a contract modification before offer letters may be submitted. Three sites, MCB Camp Lejeune, NC, MCB Camp Pendleton, CA, and MCAS Iwakuni, Japan have outstanding issues that are discussed in a GFF synopsis for each region. Note that the regions discussed are in accordance with the last official information available for transition region title and the estimated AOR dates are in accordance with a projected Marine Corps transition to NMCI beginning 1 February 2003.

### **MCB Quantico as part of the National Capital Region (estimated AOR 2/1/03)**

As discussed in Part 2 of this document, a final decision has not been made as to the location of the GNOC and the NE Regional NOC. Either or both of these sites could still be located at MCB Quantico. It is apparent that a decision must be made as soon as possible, because facilities at Quantico must be identified, offered and accepted by EDS no later than August 2002 in order to meet AOR. The Marine Corps has sent a Navy message (Appendix D) requesting the identification of enough space to provide a NE/Mid-Atlantic NOC, and Quantico is one of three Marine Corps sites being asked to identify space. On August 8, 2002, EDS held a survey on facilities offered at Quantico for a very large server farm and found them tentatively acceptable. The availability date has not been established yet, but these facilities must be available now to meet AOR.

### **East Coast Transition Region (estimated AOR 3/6/03)**

Three of the four activities in this region have GFF accepted by ISF for server farms. MCB Camp Lejeune, NC is the only site still in negotiation. An alternative facility was identified at French Creek, NC, which has been officially rejected, but the Marine Corps is funding repairs to this facility and it will be available in the Nov/Dec 2002 timeframe. This availability is two months late for meeting the estimated AOR for this region. The other three Marine Corps sites in this region, MCAS Cherry Point, NC, MCAS Beaufort, SC, and MCRD Parris Island, SC, had GFF that was initially rejected, but proposed alternative sites which were found suitable. EDS sent letters of acceptance to the Marine Corps ACO for MCAS Cherry Point, NC, on 20 Dec 01 and for MCAS Beaufort, SC, on 25 March 02 and they have been officially accepted by EDS. The MC ACO is in the process of drafting a letter of offer for MCRD Parris Island, SC. Time is of the essence regarding this region, as these sites should have GFF identified and approved by early September 2002 to smoothly meet the estimated AOR date of 6 March 03. MCB Camp Lejeune may have to have its AOR changed to May 2002, as it is impossible for it to meet an AOR of March 03 because of the repairs needed to the facilities being offered.

MCAS Cherry Point, NC, is also one of the three sites being looked at as a location for a GNOC or NE Regional NOC.

#### South East Transition Region (estimated AOR 4/24/03)

The Marine Corps has only one activity within this region, MCLB Albany, GA. GFF for Albany was accepted by EDS on 8 January 02 in the amount of 9,600 sq ft. MCLB has offered EDS 120,000 sq ft of space to be utilized for NMCI. This site is also being considered for housing the GNOC or the NE/Mid-Atlantic NOC. All things considered, MCLB Albany should have no problem providing facilities in early October 2002 for meeting the required AOR for this region.

#### West Coast Transition Region (estimated AOR 5/1/03)

The West Coast Transition Region has several problems to be addressed regarding GFF. Facilities at MAGTFTC 29 Palms, CA, and MCAS Yuma, AZ have been identified by EDS as suitable and only need Marine Corps ACO letters of offer and EDS' official letters of acceptance to firm up these sites regarding GFF. However, MCAS Yuma was changed from a small to a medium server farm and needs a contract modification before an offer letter may be made. MCAS Miramar also needs a contract modification because it was not identified in the original contract. Additionally, MCAS Miramar has not officially designated a building to be used for a server farm by EDS. GFF Points of Contact (POC) at Miramar have stated that they will not have a problem locating a building, but this task should be accomplished as soon as possible. The modifications also need to be accomplished soon to allow things to go forward regarding MCAS Yuma and MCAS Miramar. MCB Camp Pendleton has identified space at their site that was found suitable by EDS, but will not be available until June 2003. An offer letter was sent to EDS on August 2, 2002, but no official acceptance has been received. Like MCB Camp Lejeune, Camp Pendleton will be available several months after the date needed to meet the estimated AOR and will need to have a later AOR established. In regard to the remaining sites progress must be made soon to make them available in early November 2002 for meeting the above estimated AOR.

#### Hawaii Transition Region (AOR 6/19/03)

The Marine Corps has two sites transitioning to NMCI in this region, MCB Kaneohe Bay, HI, and Camp Smith, HI. Letters of offer were sent to EDS regarding the Hawaii sites on 18 Dec 01. All problems for these sites appear to be working out satisfactorily to the Marine Corps and EDS. The Hawaii Transition Region appears to be in good shape for mid-December 2002 approval to easily meet AOR.

#### Outside the Continental US (OCONUS) Server Farms

A site survey team consisting of MCSC, MARFORPAC and EDS traveled to Japan from 15 July to 26 July 2002 to examine facilities available to support NMCI at MCB Okinawa and MCAS Iwakuni. It was established that MCB Okinawa would have a large server farm housed at Camp Foster, a medium server farm housed at Camp Hansen and a POP at Camp Fuji. EDS found the facilities offered at Okinawa to be suitable but had difficulty locating BLS spaces. The building offered for the medium server farm at MCAS Iwakuni was found unsatisfactory and further exploration for identifying another building at Iwakuni or upgrading of the building being offered to make it satisfactory to EDS must be made. EDS would like facilities to be available in January 03, which looks doubtful because of the issues at MCAS Iwakuni.

## **Part 6 –Synopsis of NMCI GFF Support Issues**

The following are identified issues to be overcome and solved regarding the Marine Corps provision of GFF to EDS in execution of the NMCI Contract:

- EDS was unable to identify suitable facilities to house the GNOC at Quantico, VA. This has also caused a problem finding facilities for the NE Regional NOC that was to be embedded in the GNOC. The Navy and the Marine Corps are attempting to identify space for either or both of these NOCs at Mechanicsburg, PA, Philadelphia, PA, MCB Quantico, VA, MCAS Cherry Point, NC, or MCLB Albany, GA. MCB Quantico must also identify enough space to house a very large server farm.
- Many of the facilities available for offer by the Marine Corps are old buildings not necessarily designed to accommodate server farms. EDS has found them difficult to accommodate and has found over time that they need to moderate their requirements as a solution.
- Until approximately the last quarter of calendar year 2001, more emphasis was put on facilities needed for Navy transition to NMCI than on Marine Corps transition. This problem has been overcome, to some extent, through the use of GFF Phone Conferences between EDS, Marine Corps Systems Command (MCSC), Headquarters Marine Corps (HQMC) and the Marine Corps Transition Sites beginning in November 2001. However, the EDS facilities team still concentrates most of its time on Navy sites.
- EDS GFF requirements have been in a state of flux through most of 2001. Some examples of this follow:
  - ✓ The changing of square footage for server farm and BLS requirements subsequent to the identification of facilities by the transitioning sites.
  - ✓ Changing the size of server farms at some sites subsequent to identifying initial server farm size. At MCAS Yuma, AZ, the server farm was initially requested as a small server farm. EDS is now uncertain as to if it will be a small or medium size. Plans have been in place for over a year to locate three medium server farms, and one small server farm at MCB Okinawa, but during the site survey visit in July 01, it was decided that a large server farm, a medium server farm and a POP would be constructed instead at this activity.
  - ✓ The NMCI/ISF Facilities Standards, drafted in early October 2001, discusses Intermediate and Main Distribution Frame (IDF & MDF) Level Support Baselines. It is not clear if these are a part of or in addition to the server farm and BLS requested for Marine Corps sites.

- ✓ Additional server farms are still being added to the Marine Corps requirements. A requirement for MCAS Miramar appeared approximately mid-year 2001 and the requirements for Okinawa and Iwakuni, Japan were not identified until the July, 2002 timeframe.
- Basic office furniture, OBOS requirements such as heat, light, ventilation, electric service outlets, etc., and RPM must also be provided at no cost to EDS. This requirement is an “unfunded mandate” due to the six-year budget cycle.
- In early December 2001, PM-NMCI requested that EDS provide a letter definitively identifying Marine Corps sites where GFF are required along with the applicable server farm and BLS sizes. EDS has yet to respond to this request.
- A survey of non-server farm Marine Corps sites should be jointly initiated by EDS and the Marine Corps to ascertain any hidden GFF responsibilities not covered under the Navy umbrella.

## **Part 7 - ISF GFF Responsibilities, Lessons Learned, and Points of Contact (POC)**

Once facilities have been accepted by EDS and approved by CMC, the ISF has the responsibility for the build-out of the facilities provided (e.g., raised flooring, interior wall construction, additional lighting, wiring, etc). If backup electrical power does not exist or does not meet ISF specifications, it too will be part of the facilities fit-up provided by EDS.

It is key for Marine Corps Commands to work with EDS in identifying and obtaining approval of GFF. A cohesive, flexible, collaborative Government and EDS team at the local level is essential to meet timelines. Facility identification cannot begin too early. The Government/EDS team should communicate early and plan ahead for avoiding problems such as buildings containing asbestos and other hazardous material.

POCs for GFF matters are as follows:

- The Command Facilities Officer (CTR)
- Program Manager/Navy Marine Corps Intranet/Information Technology (PM/NMCI/IT)
  - ✓ Regional Contracting Officer's Representative (COR)
  - ✓ Mr. Charles G. Thompson, NMCI Logistics Manager (LM)
    - [ThompsonCG@mesc.usmc.mil](mailto:ThompsonCG@mesc.usmc.mil), (703) 784-0816, DSN: 278-0816
- HQMC Installation & Logistics/Facilities and Services Division (I&L/LF)
  - ✓ Mr. Tom Vanneman
    - [vannemantj@hqmc.usmc.mil](mailto:vannemantj@hqmc.usmc.mil), (703) 693-9446,
- ISF
  - ✓ Mr. George Helfrick
    - [George.Helfrick-eds@eds.com](mailto:George.Helfrick-eds@eds.com), (703) 742-1575, Cell Phone (717) 309-5874

## Appendix A – NMCI Contract Excerpt of Paragraph 5.6

### **5.6 Site Support and Government Furnished Equipment**

The Government will furnish the Contractor storage space, working space, basic office furniture, heat, light, ventilation, electric current, and outlets for the use of the Contractor's personnel. These facilities shall be provided at no charge to the Contractor; however, fit-up of the facilities to Contractor specifications will not be provided by the Government. Type and size of space to be provided will be based on availability and will vary at each site. Additionally, the Government will provide the following:

- 1) Floor space adjacent to users necessary for support of the Contractor's installed equipment and personnel who will be providing move, add, change, and on-site maintenance.
- 2) Access to equipment on Government facilities specific to NMCI
- 3) Server rooms
- 4) Support for the following:
  - Administrative verification of clearance
  - Access to Work space and Government site (empty room) for properly cleared personnel
  - Physical security for Government space (door locks, for example): This does not include new protected distribution system (PDS) or other physical security measures required to provide classified seats.
- 5) Information on:
  - Blueprints (as available)
  - Roster
  - Seating chart
- 6) Type 1 Encryption devices and classified keying material (COMSEC Material System (CMS) management responsibilities for Type 1 encryption devices and their associated key material shall be a Contractor responsibility. Operation of Type 1 encryption devices within the NMCI operating environment may be conducted by DON personnel or authorized NMCI contractor personnel. If the NMCI contractor proposes the former scenario, the contract shall be equitably adjusted to account for the costs associated with government operation of these devices.
- 7) Crypto-keying material
- 8) Base security
- 9) Security escort services when required
- 10) Trash disposal services/salvage and demilitarization
- 11) Safety and emergency services
- 12) Site support for OCONUS locations will be defined within each order
- 13) Smart cards as defined in Attachment 8 (either interim or the common access card.)

Inventory will be managed as follows:

If interim card: The card will be provided to the contractor as GFE. It is the responsibility of the contractor to distribute, issue, and manage for each seat.

If Common Access Card: The CAC will be issued by the Department of the Navy from authorized RAPIDS workstations. Those RAPIDS workstations will be located in Personal Service Detachments (PSD) and other badging offices. The CAC will minimally contain DoD PKI identity credentials and other functional smart card information. Other DoD PKI credentials for SMIME digital signing and SMIME encryption may not be included in issuance. Therefore, the contractor shall provide a mechanism to request and download to the card from the DoD PKI those missing credentials. It is the responsibility of the contractor to match DoD PKI credentials to one's NMCI profile and privileges.

14) DoD PKI user profiles (Attachment 1, paragraph 3.1.16) .

### 5.6.1 The Information Strike Force's GFE Facility Requirements

The contractor assumes the Government will provide floor space sufficient to support the space requirements listed in the "Space Requirements Table" below. Build-out of the Government-provided space shall be the responsibility of the contractor (e.g., raised flooring, interior wall construction, additional lighting, wiring, etc.). Backup power shall be part of the fit-up of facilities provided by the contractor in cases where it does not exist or does not meet the contractor's specifications. The contractor shall also be responsible for providing the onsite staff with all of the necessary equipment and services they will need to support NMCI including telephones, PCs, servers, copiers, printers, fax machines, and consumables (e.g., paper and pencils, etc.).

Alternate 1 requires 86 more server farms than Alternate 2. The individual locations that the contractor anticipates placing facilities is provided in the "Site Table" below.

**Space Requirements Table  
Alternate 2**

Facility	Total Facility Space (A)	Number of Locations (B)	Total Space Requirement (=A x B)
<b>Global NOC</b>			
Hardware	65,000	2	130,000
Help Desk	55,000	2	110,000
<b>Regional NOC</b>	40,000	4	160,000
<b>Server Farms</b>			
Very Large	14,500	5	72,500
Large	4,850	9	43,650
Medium	2,250	48	108,000
Small	1,350	4	5,400
Base Level Support	360,000		360,000
<b>Total</b>		<b>72</b>	<b>989,550</b>

**Site Table  
Alternate 2**

<b>ALTERNATE 2 - LOCATIONS</b>	
<b>Network Operations Centers</b>	
Norfolk Naval Station	VA
Pearl Harbor Naval Complex	HI
<b>Quantico Marine Corps Base</b>	
NW-NAVSHIPYARD Puget Sound/NS Bremerton (NOC)	WA
Jacksonville NAS (NOC)	FL
North Island NAS	CA
<b>Server Farms</b>	
<b>Camp Pendleton</b>	
	<b>CA</b>
<b>Camp Lejeune</b>	
	<b>NC</b>
Pax River Naval Station	MD
SE-NAS PENSACOLA	FL
SE-NAVSUPPACT. Millington	TN
SPAWARSYSCEN SAN DIEGO	CA
NE-NAVSTA Newport, RI	RI
MA-NSWC Dahlgren	VA
NE-US Naval Academy	MD
MA-NAVSHIPYARD Norfolk	VA
<b>Cherry Point</b>	
	<b>NC</b>
NW-NAWC China Lake	CA
NE-Washington Navy Yard	DC
San Diego NS	CA
NE-COML-BLDG-NAVSEASYSYSCOM HQ Arlington,	VA
Navy Annex & Henderson Hall, Arlington	VA
SW-NAVSTA Port Hueneme	CA
NE-NTC GREAT LAKES	MI
SE-NAVSPNSTA Charleston	SC
SW-NAS Point Mugu, CA	CA
MA-NAVPHIBASE Little Creek	VA
MA-CINCLANTFLT CMPD	VA
NE-NAVSURFWARCENDIV – CRANE	IN
<b>Twenty Nine Palms</b>	
	<b>CA</b>
NW-NPGS Monterey, CA	CA
NE-NSWC Carderock	MD
NE-NAVSHIPYARD PORTSMOUTH	NH
MA-NAS Oceana	VA
SW-NAVHOSP San Diego	CA
SE-Kings Bay SUBBASE	GA
SUBBASE New London, Groton	CT

<b>ALTERNATE 2 - LOCATIONS</b>	
<b>OF-MCAS Kaneohe Bay</b>	<b>HI</b>
NE-NSWC Indian Head	MD
NW-SUBASE BANGOR	ME
NE-DOD ACTIVITY- NAVICP, FISC Norfolk Det, Philadelphia	PA
SE-NAVSUPACT NEW ORLEANS	LA
SW-NAVPHIBASE CORONADO	CA
<b>SE-Albany MC Logistics Base</b>	<b>GA</b>
SE-Stennis Space Center, MS	MS
NE-PENTAGON, DC	DC
<b>OF-Camp Smith, Oahu</b>	<b>HI</b>
SE-NAVSTA Mayport	FL
SE-NSWCDD, CSS Site, Panama City	FL
SE-C19	LA
NE-NNMC Bethesda, MD	MD
NE-NAVAIRWARCENACDIV (COML BLDG), Lakehurst,	NJ
NW-NAS Whidbey Island	WA
<b>SE-Parris Island MCRD, SC</b>	<b>SC</b>
MA-NMC/ BDC/ NSHS / Personnel Support Det PORTSMOUTH VA	VA
SE-NAS MERIDIAN, MS	MS
OF-NAS Roosevelt Roads	PRC
SPAWAR / PHDNSWC Det – OLD TOWN CAMPUS	CA
SE-NAS CORPUS CHRISTI, TX	TX
<b>SE-Beaufort MCAS, SC</b>	<b>SC</b>
SE-NAVAIRWARCENTRASYSYDIV Central FL Research Park, Orlando	FL
OF-NAVSTA Guam	GUM
NE-NSS MECHANICSBURG	PA
NE-Naval War College, Newport	RI
<b>SW-Yuma MCAS</b>	<b>AZ</b>
OF-NAS Keflavik	ICL
NW-NAS Lemoore	CA
EFDSW (COML BLDG), San Diego	CA
SE-FCTCPAC SAN DIEGO,CA	CA
NW-NAS Fallon, NV	NV
SW-FISC SAN DIEGO	CA
NAVSTA Guantanamo Bay	Cuba

## **5.7 Contractor/Government Provision of Consumable Supplies**

The Contractor shall provide consumable supplies for its use required in the daily operation or performance of, or in support of this contract.

## Appendix B – GFF Message DTG 111521Z

ADMINISTRATIVE MESSAGE

ROUTINE

R 111521Z JUL 01 ZEL ZYB PSN 576101S20

FM PEO IT WASHINGTON DC//00//

TO SECNAV WASHINGTON DC//AAUSN//  
CNO WASHINGTON DC//N46/N643/09B//  
CMC WASHINGTON DC//C4/LFF/LFL/RFO//  
CINCPACFLT PEARL HARBOR HI//00/06//  
CINCLANTFLT NORFOLK VA//00/N6//  
COMMARFORPAC//G6/G4/G5/G9//  
COMMARFORLANT//G6/G4/G5//  
COMNAVSUPSYSCOM MECHANICSBURG PA//00/CIO//  
COMMARCOMALBANY GA//G6/G4/G5//  
COMNAVRESFOR NEW ORLEANS LA//00/CIO//  
COMMARFORRES//G6/G4/G5//  
COMNAVSEASYSYSCOM WASHINGTON DC//00/CIO//  
COMNAVVAIRSYSCOM PATUXENT RIVER MD//00/CIO//  
COMNAVCOMTELCOM WASHINGTON DC//00/N5/CIO//  
COMNAVFACECOM WASHINGTON DC//00/CIO//  
COMMARFORSOUTH//G6/G4/G5//  
COMMARCORSYSCOM QUANTICO VA//C4INMCI/IT//  
COMNAVSPACECOM DAHLGREN VA//00//  
COMSPAWARSYSCOM SAN DIEGO CA//00/01//  
CG MCCDC QUANTICO VA//G6/G4/G5//  
CG MCCDC QUANTICO VA//G6/G4/G5//  
CG TRNGCOM QUANTICO VA//G6/G4/G5//  
CG MCRC QUANTICO VA//G6/G4/G5//  
ONI WASHINGTON DC//00/ONI-4//  
DIRSSP WASHINGTON DC//00/CIO//  
CNET PENSACOLA FL//00/CIO//  
BUMED WASHINGTON DC//00/CIO/09D//  
BUPERS MILLINGTON TN//00//  
AIG 11139  
COMNAVREG NW SEATTLE WA  
COMNAVREG NE GROTON CT  
COMNAVREG SE JACKSONVILLE FL  
COMNAVREG MIDLANT NORFOLK VA  
COMNAVREG PEARL HARBOR HI  
COMNAVREG SW SAN DIEGO CA  
  
INFO CJTFCS FT MONROE VA//J6//  
CBC GULFPORT MS//00//  
CBC PORT HUENEME CA//00//  
USCINCPAC HONOLULU HI//J6//  
CG MAGTF TRNGCOM TWENTYNINE PALMS CA//G6/G5/G4//  
CG MCAS CHERRY PT NC//G6/G5/G4//  
CG MCB CAMP LEJEUNE NC//G6/G5/G4//  
CG MCB CAMP PENDLETON CA//G6/G5/G4//  
CG MCB HAWAII KANEOHE BAY HI//G6/G5/G4//

CG MCB QUANTICO VA//G6/G5/G4//  
CG MCRD ERR PARRIS ISLAND SC//G6/G5/G4//  
CG MCRSC KANSAS CITY MO//G6/G5/G4//  
CNR ARLINGTON VA//00//  
COMCABEAST CHERRY PT NC//G6/G4/G5//  
COMCABWEST MIRAMAR CA//G6/G5/G4//  
COMMARCORBASESJAPAN CAMP BUTLER JA//G6/G4/G5//  
COMMARCORBASESPAC CAMP H M SMITH HI//G6/G4/G5//  
COMMARCORLOGBASES ALBANY GA//G6/G5/G4//  
COMNAVDIST WASHINGTON DC//00//  
COMNAVLEGSVCCOM WASHINGTON DC//00/65//  
COMNAVMETOCCOM STENNIS SPACE CENTER MS//00/N5//  
COMNAVSAFECEN NORFOLK VA//00//  
COMNAVSECGRU FT GEORGE G MEADE MD//00/CIO//  
COMNAVSPECWARCOM CORONADO CA//00/CIO//  
COMNAVSUPSYSCOM MECHANICSBURG PA//00//  
COMNAVWARDEVCOM NEWPORT RI//00//  
COMOPTEVFOR NORFOLK VA//00//  
COMSC WASHINGTON DC//00/CIO//  
COMUSNAVCENT//00/N6//  
CTF-NMCI WASHINGTON DC//00//  
DON CIO WASHINGTON DC//00//  
FISC NORFOLK DET PHILADELPHIA PA//00//  
INSURV PATUXENT RIVER MD//00//  
MCAS BEAUFORT SC//S6/S4//  
MCAS YUMA AZ//S6/S4//  
MITNOC QUANTICO VA  
NAS BRUNSWICK ME//00//  
NAS BRUNSWICK ME//00//  
NAS CORPUS CHRISTI TX//00//  
NAS FALLON NV//00//  
NAS KEFLAVIK IC//00//  
NAS KEY WEST FL//00//  
NAS LEMOORE CA//00//  
NAS MERIDIAN MS//00//  
NAS NORTH ISLAND CA//00//  
NAS OCEANA VA//00//  
NAS PATUXENT RIVER MD//00//  
NAS PENSACOLA FL//00//  
NAS WHIDBEY ISLAND WA//00//  
NATNAVMEDCEN BETHESDA MD//00//  
NAVAIRENGSTA LAKEHURST NJ//00//  
NAVAIRWARCENTRASYS DIV ORLANDO FL//00//  
NAVAIRWPNSTA CHINA LAKE CA//00//  
NAVAUDSVC FALLS CHURCH VA//00//  
NAVBASE VENTURA CTY PT MUGU CA//00//  
NAVHISTCEN WASHINGTON DC//00//  
NAVMEDCEN PORTSMOUTH VA//00//  
NAVMEDCEN SAN DIEGO CA//00//  
NAVMEDRSCHDEVCOM BETHESDA MD//00//  
NAVOBSY WASHINGTON DC//00//  
NAVPGSCOL MONTEREY CA//00//  
NAVPHIBASE LITTLE CREEK VA//00//  
NAVSHIPYD NORFOLK VA//00//  
NAVSHIPYD PORTSMOUTH NH//00//  
NAVSTA EVERETT WA//00//  
NAVSTA GUANTANAMO BAY CU//00//

NAVSTA MAYPORT FL//00//  
NAVSTA NEWPORT RI//00//  
NAVSTA ROOSEVELT ROADS PR//00//  
NAVSTA SAN DIEGO CA//00//  
NAVSTKAIRWARCEN FALLON NV//00//  
NAVSUPPACT MID SOUTH MILLINGTON TN//00//  
NAVSUPPACT NEW ORLEANS LA//00//  
NAVSURFWARCEN CARDEROCKDIV BETHESDA MD//00//  
NAVSURFWARCEN COASTSYSTA PANAMA CITY FL//00//  
NAVSURFWARCENDIV CRANE IN//00//  
NAVSURFWARCENDIV DAHLGREN VA//00//  
NAVSURFWARCENDIV INDIAN HEAD MD//00//  
NAVSYSMGTACT WASHINGTON DC//00//  
NAVUNSEAWARCENDIV KEYPORT WA//00//  
NAVWARCOL NEWPORT RI//00//  
NCTAMS LANT DET PENSACOLA FL//154//  
NCTSI SAN DIEGO CA//00//  
NRL WASHINGTON DC//5500//  
NTC GREAT LAKES IL//00//  
OPNAVSUPPACT WASHINGTON DC//00//  
SPAWARINFOTEHCEN NEW ORLEANS LA//00//  
SUBASE BANGOR WA//00//  
SUBASE KINGS BAY GA//00//  
SUBASE NEW LONDON CT//00//  
USNA ANNAPOLIS MD//00//  
WPNSTA CHARLESTON SC//00//

UNCLAS

MSGID/GENADMIN/PEO IT WASHINGTON DC//

SUBJ/NAVY AND MARINE CORPS INTRANET (NMCI) GOVERNMENT FURNISHED  
/FACILITY (GFF) UPDATE AND REQUEST FOR INFORMATION//

REF/A/GENADMIN/PEO IT WASHINGTON DC/221908ZNOV2000//

REF/B/DOC/PEO IT WASHINGTON DC/YMD:20001018//

REF/C/GENADMIN/PEO IT WASHINGTON DC/122350ZJAN2001//

REF/D/GENADMIN/COMMARCORSYSCOM QUANTICO VA/041630ZMAY2001//

NARR/REF A IS PEO IT MSG REGARDING OVERALL NMCI GOVERNMENT FURNISHED  
FACILITY (GFF) REQUIREMENTS. REF B IS THE NMCI CONTRACT  
#N00024-00-D-6000, WHICH CAN BE ACCESSED VIA THE EDS WEBSITE AT  
EDS.COM(FORWARD SLASH)NMCI "ABOUT NMCI", "VIEW THE CONTRACT." REF C  
PROVIDED SUPPLEMENTAL INFORMATION REGARDING GFF AND A STATUS UPDATE  
REGARDING GFF PROVISIONING. REF D PROVIDED USMC SPECIFIC GUIDANCE.//  
POC/MR. ROBERT CRUZ/NMCI FACILITIES/COMSPAWARSYSCOM/-  
/TEL:619-524-7585/EMAIL:CRUZRP@SPAWAR.NAVY.MIL//

RMKS/1. THIS IS A USN AND USMC NMCI PMO (PROGRAM MANAGEMENT OFFICE)  
COORDINATED MESSAGE. THIS MESSAGE PROVIDES AN UPDATE TO AND  
REQUESTS ACTION IN SUPPORT OF NMCI GOVERNMENT FURNISHED FACILITY  
(GFF) REQUIREMENTS OUTLINED IN REFERENCES A, B, C AND D.  
SPECIFICALLY, IT INCLUDES LESSONS LEARNED AND GUIDANCE ON PLANS  
AND PROCEDURES TO SUPPORT FACILITIES PROVISIONING FOR NMCI

IMPLEMENTATION FOR THE REMAINDER OF FY01 AND IN FY02. BASED ON GFF ACTIVITIES TO DATE, ONE COMPELLING PROCESS RECOMMENDATION STANDS OUT: FULL PARTICIPATION BY THE USN REGIONAL COMMANDERS AND USMC COMMANDERS IN REVIEWING AND SELECTING FACILITIES IS ESSENTIAL TO THE SUCCESS OF THE PROCESS.

2. IN SUPPORT OF RECENT LESSONS LEARNED, USN REGIONAL COMMANDERS AND USMC COMMANDERS ARE REQUESTED TO PROVIDE A SINGLE POINT OF CONTACT FOR EXPEDITING GOVERNMENT FACILITIES PROVISIONING FOR THE NMCI. SITES NOT COVERED BY USN REGIONAL COMMANDERS (I.E. BUMED, MARINE CORPS), SHOULD DESIGNATE A CLAIMANT/USMC COMMAND GFF POC. REQUEST THESE POC'S BE PROVIDED TO THE PARA 6 E-MAIL ADDRESSES, NLT 1 AUGUST.

3. COMNAVFAECOM HAS ASSUMED RESPONSIBILITY AS THE DON/NMCI PMO EXECUTION AGENT FOR GFF UNDER THE GUIDANCE OF THE NMCI PMO'S AND THE PEO-IT. FOR THE USMC, NAVFAC WILL PROVIDE ROICC SERVICES ONLY. NAVFAC EXPERIENCE AND EXPERTISE IN GOVERNMENT FACILITIES IS A GREAT ADDITION TO THE NMCI PROGRAM MANAGEMENT TEAM. SOUTHWEST DIVISION, NAVFAECOM HAS TAKEN THE LEAD FOR ENTERPRISE COORDINATION OF THE NMCI GFF PROCESS. NAVFAC AND SWDIV POC'S ARE LISTED IN PARAGRAPH 6 BELOW.

4. CURRENT STATUS OF NMCI GFF PROVISIONING FOLLOWS ALONG WITH SIGNIFICANT LESSONS LEARNED:

A. NETWORK OPERATIONS CENTERS (NOC) AND HELP DESKS.

(1) CONSTRUCTION OF THE NOC'S AND INTERIM HELP DESKS IN SAN DIEGO AND NORFOLK WAS COMPLETED 15 MAY 01 AND WILL BE OPERATIONAL TO SUPPORT NMCI SEAT ROLL OUT.

(2) A FACILITY TO SUPPORT THE NOC FOR THE HAWAII REGION AT PEARL HARBOR HAS BEEN IDENTIFIED AND DESIGN IS UNDERWAY.

(3) REVIEW OF CLAIMANT PROPOSED SITES FOR THE REGIONAL NOC'S IN JACKSONVILLE, AND PUGET SOUND/BREMERTON IS UNDERWAY.

(4) REVIEW OF THE USMC PROPOSED SITE FOR THE GNOC AT QUANTICO IS UNDERWAY.

B. SERVER FARMS.

(1) FACILITIES TO ESTABLISH SERVER FARMS IN SUPPORT OF FIRST INCREMENT ORDERS HAVE BEEN IDENTIFIED AND CONTRACTOR BUILD OUT HAS BEGUN AT MOST SITES.

(2) THE FOLLOWING TWO IMPORTANT REQUIREMENTS RELATED TO THE SERVER FARMS HAVE CHANGED SINCE PUBLISHING REF C:

(A) THE SPACE REQUIREMENT FOR BOTH THE SMALL AND MEDIUM SERVER FARMS HAVE INCREASED, AS CITED IN PARAGRAPH 4.B.(4) BELOW.

(B) THE ADDITION OF THE REQUIREMENT FOR TEMPORARY WAREHOUSE SPACE, AS CITED IN PARAGRAPH 4.C BELOW.

(3) THE FOLLOWING IS A LISTING OF THE ISSUES AND RECOMMENDATIONS INVOLVED WITH SERVER FARM SITE SELECTION:

(A) ASBESTOS AND OTHER HAZMAT. BASED ON THE FIRST INCREMENT EXPERIENCE, THE EXISTENCE OF ASBESTOS AND HAZMAT HAS BEEN A SIGNIFICANT DETRIMENT TO PROVISIONING FACILITIES IN A TIMELY MANNER. HAZARDOUS MATERIAL, INCLUDING ASBESTOS, MUST BE ABATED (AT GOVERNMENT EXPENSE) BEFORE THE INFORMATION STRIKE FORCE (ISF) CAN BUILD OUT AND OCCUPY THOSE FACILITIES. SELECTING SITES THAT MINIMIZE THE IMPACTS OF HAZARDOUS MATERIAL IS CLEARLY THE PREFERRED WAY TO GO. NEW HAZMAT REPORTS WITH DESTRUCTIVE TESTING RESULTS WILL BE REQUIRED FOR PROPOSED NMCI FACILITIES. RECENT EVENTS HAVE UNCOVERED INACCURACIES IN EXISTING HAZMAT REPORTS THAT HAVE CONTRIBUTED WEEKS OF DELAY IN PRODUCTION SCHEDULES. SPACES WILL HAVE

TO BE CERTIFIED ASBESTOS FREE PRIOR TO TURNOVER TO THE ISF. BASIC TAKEAWAY: ANALYSIS OF POTENTIAL NMCI GFF SITES FOR HAZMAT MUST BE DONE WELL IN ADVANCE.

(B) GFF SPACE ESTIMATES. GFF SQUARE-FOOT FOOTPRINT REQUIREMENTS STATED IN REFERENCES A, B AND C WERE PLANNING ESTIMATES BASED ON THE BEST INFORMATION AVAILABLE AND REPRESENT THE BASELINE. DURING THE IMPLEMENTATION OF THE FIRST INCREMENT, WE HAVE EXPERIENCED SOME DEVIATION IN THESE SPACE ESTIMATES. VARIABLES THAT HAVE AFFECTED THE FINAL SPACE REQUIREMENTS:

(1) EVOLUTION OF THE NMCI ARCHITECTURE. AS THE BASELINE NETWORK ARCHITECTURE IS APPLIED TO EACH GEOGRAPHIC SITE, THE ACTUAL GFF REQUIREMENTS BASED ON THE AS-IS CONDITIONS ARE DEVELOPED. IN MANY INSTANCES, THIS RESULTS IN A CHANGE IN THE BASELINE GFF REQUIREMENTS. AS AN EXAMPLE, CONSOLIDATION OF SEVERAL SERVER FARMS INTO A SINGLE, LARGER SERVER FARM MAY OCCUR WHEN DEEMED TECHNICALLY AND/OR FISCALLY BENEFICIAL.

(2) REGIONAL IT POPULATION SEAT ESTIMATES CHANGED FROM ORIGINAL ESTIMATES ALONG WITH ORDERS REFINEMENT.

(3) USABLE SPACE. THE GFF BASELINE REQUIREMENTS REPRESENT USABLE SPACE FOR THE VARIOUS NMCI FUNCTIONS. DURING THE FIRST INCREMENT, WE HAVE ENCOUNTERED SEVERAL INSTANCES WHERE THE SQUARE FOOTAGE OFFERED HAS BEEN EITHER NON-CONTIGUOUS OR HAS HAD SIGNIFICANT PHYSICAL INFRASTRUCTURE IMPEDIMENTS. EVEN THOUGH THE TOTAL SQUARE FOOTAGE PROVIDED MET THE LETTER OF THE ESTIMATE FOR SPACE, THE SPACE DID NOT MEET NMCI FUNCTIONAL REQUIREMENTS. IF QUESTIONS ARISE REGARDING REQUIREMENTS, CUSTOMERS ARE URGED TO CONTACT THE SW DIV POC'S OR THE NMCI PROGRAM OFFICES (USN OR USMC, AS APPROPRIATE, CITED IN PARAGRAPH 6 BELOW).

(4) SERVER FARMS. FOR PLANNING PURPOSES, SERVER FARMS REQUIRE CONTIGUOUS, NET USEABLE SPACE AS LISTED BELOW. ENSURE ALLOWANCES ARE MADE IN THE ALLOCATION OF SQ. FT. BASED ON CLEARANCES REQUIRED AROUND OBSTRUCTIONS SUCH AS STRUCTURAL COLUMNS. POWER REQUIREMENTS ARE ALL 480-VOLT 3-PHASE POWER.

(A) SMALL (S) - 1,850 SQ.FT.; 380.5 AMPS (NOTE: THIS IS AN INCREASE FROM 1350 SQ.FT. PREVIOUSLY PUBLISHED)

(B) MEDIUM (M) - 3,000 SQ.FT.; 634.2 AMPS (NOTE: THIS IS AN INCREASE FROM 2250 SQ.FT. PREVIOUSLY PUBLISHED)

(C) LARGE (L) - 4,850 SQ.FT.; 1200.8 AMPS

(D) VERY LARGE (VL) - 7,250 SQ.FT.; 1740.5 AMPS (DECREASE FROM 14,500 SQ.FT. PREVIOUSLY PUBLISHED)

(5) OTHER IMPORTANT REQUIREMENTS ASSOCIATED WITH ESTABLISHING SERVER FARMS:

(A) THE GOVERNMENT IS RESPONSIBLE FOR PROVIDING PRIMARY POWER TO THE FACILITY AT NO CHARGE TO THE CONTRACTOR IAW REF B (IN ADDITION TO ALL OTHER BASE OPERATING SERVICES); THE ISF WILL SUPPORT POWER DISTRIBUTION WITHIN THE FACILITY AS PART OF THEIR FACILITY RENOVATION PLANS. BUDGETING FOR COSTS ASSOCIATED WITH PROVIDING PRIMARY POWER IS A USN REGIONAL COMMANDER/USMC COMMAND RESPONSIBILITY.

(B) FLOOR LOADING CAPACITIES FOR THE RAISED FLOOR AREA OF THE SERVER FARM MUST SUPPORT 150 LBS PER SQUARE FOOT. RAISED FLOOR COMPRISES APPROXIMATELY 80% OF THE TOTAL SERVER FARM SPACE REQUIREMENT. FLOOR LOADING CAPACITIES FOR THE MECHANICAL, ELECTRICAL AND BATTERY ROOMS MUST SUPPORT 450 LBS PER SQUARE FOOT AND REPRESENTS THE OTHER 20% OF THE SERVER FARM SPACE. IT IS PREFERRED THAT THESE 2 AREAS BE HORIZONTALLY CONTIGUOUS BUT MAY BE SEPARATED VERTICALLY OR HORIZONTALLY BY AS MUCH AS 50 FEET.

(C) THE GOVERNMENT IS RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE AS-IS AIR CONDITIONING CAPABILITIES WITHIN A FACILITY PROVIDED AS GFF. IN MANY CASES, THE AS-IS AIR CONDITIONING CAPABILITY IS INSUFFICIENT OR NONEXISTENT. IN THESE CASES, THE ISF WILL PROVIDE, MODIFY OR IMPROVE THE AS-IS AIR CONDITIONING FOR THE NMCI GFF AND PROVIDE FOR THE OPERATION AND MAINTENANCE OF THE DELTA CAPABILITY.

C. BASE LEVEL SUPPORT.

PER REF B, APPROX 360,000 SQ.FT. OF GFF WILL BE PROVIDED TO SUPPORT ISF CONTRACTOR PERSONNEL DURING NMCI EXECUTION AT SERVER FARM LOCATIONS. THIS SPACE IS IN ADDITION TO THE SERVER FARM REQUIREMENT. CURRENT PLANNING ESTIMATES:

(1) SMALL BASE LEVEL SUPPORT FACILITY. 4,700 SQ.FT. CONSISTING OF 700 SQ.FT. OF PERMANENT ADMINISTRATIVE SPACE, 400 SQ.FT. OF TEMPORARY ADMINISTRATIVE SPACE, 2000 SQ.FT. OF TEMPORARY WAREHOUSE SPACE, AND 1600 SQ.FT. OF PERMANENT WAREHOUSE SPACE.

(2) MEDIUM BASE LEVEL SUPPORT FACILITY. 6,600 SQ.FT. CONSISTING OF 1100 SQ.FT. OF PERMANENT ADMINISTRATIVE SPACE, 1300 SQ.FT. OF TEMPORARY ADMINISTRATIVE SPACE, 2500 SQ.FT. OF TEMPORARY WAREHOUSE SPACE, AND 1700 SQ.FT. OF PERMANENT WAREHOUSE SPACE.

(3) LARGE BASE LEVEL SUPPORT FACILITY. 10,000 SQ.FT. CONSISTING OF 2200 SQ.FT. OF PERMANENT ADMINISTRATIVE SPACE, 1800 SQ.FT. OF TEMPORARY ADMINISTRATIVE SPACE, 3000 SQ.FT. OF TEMPORARY WAREHOUSE SPACE, AND 3000 SQ.FT. OF PERMANENT WAREHOUSE SPACE.

(4) VERY LARGE BASE LEVEL SUPPORT FACILITY. 14,100 SQ.FT. CONSISTING OF 3000 SQ.FT. OF PERMANENT ADMINISTRATIVE SPACE, 2500 SQ.FT. OF TEMPORARY ADMINISTRATIVE SPACE, 5000 SQ.FT. OF TEMPORARY WAREHOUSE SPACE, AND 3600 SQ.FT. OF PERMANENT WAREHOUSE SPACE.

(5) OTHER IMPORTANT INFORMATION ASSOCIATED WITH BASE LEVEL SUPPORT REQUIREMENTS:

(A) AS CITED ABOVE, BASE LEVEL SUPPORT FACILITIES CONSIST OF PERMANENT AND TEMPORARY ADMINISTRATIVE SPACE IN ADDITION TO PERMANENT AND TEMPORARY WAREHOUSE SPACE. INDIVIDUALLY, THE SPACE WITHIN EACH CATEGORY SHOULD BE CONTIGUOUS. ADDITIONALLY, PRIORITY SHOULD BE GIVEN TO COLLOCATING ADMINISTRATIVE SPACES WITHIN THE SERVER FARM IF POSSIBLE. FLEXIBILITY AND COOPERATION IN THIS AREA WILL BE A CRITICAL FACTOR IN SUPPORTING A SMOOTH SITE TRANSITION, AS WELL AS POST TRANSITION OPERATIONS AND SUPPORT.

(B) TEMP WAREHOUSE SPACE IS A FUNCTION OF VOLUME AND PHASING OF SEAT ROLL OUT AND WILL AID THE ISF IN ACCOMPLISHING A SMOOTH TRANSITION. THE TEMP WAREHOUSE WILL BE REQUIRED FROM THE START OF THE SERVER FARM BUILD OUT THROUGH THE ROLL OUT OF THE NMCI SEATS.

(C) ALL WAREHOUSES (TEMP AND PERMANENT) SHOULD HAVE 25 FOOT CEILINGS AND HAVE LOADING DOCK ACCESS.

(D) BASE SUPPORT FACILITIES SHOULD BE LOCATED IN CLOSE PROXIMITY TO THE SERVER FARM, IF POSSIBLE.

(E) THE PERMANENT ADMINISTRATIVE SPACE WILL BE IN CONTINUOUS USE BY CONTRACTOR PERSONNEL PROVIDING NMCI SYSTEM MAINTENANCE. FACILITIES SHOULD BE APPROPRIATE TO ACCOMMODATE THOSE FUNCTIONS.

(F) TEMPORARY ADMINISTRATIVE SPACE WILL BE USED TO SUPPORT SITE TRANSITION. THE LENGTH OF TIME REQUIRED WILL BE DETERMINED ON A SITE-BY-SITE BASIS.

(G) CONTRACTOR LAYDOWN AREAS WILL BE REQUIRED FOR THE ASSOCIATED TRENCHING AND CABLE LAYING OPERATIONS THAT WILL CLOSELY FOLLOW THE SERVER FARM CONSTRUCTION. THE AMOUNT OF LAYDOWN SPACE WILL BE REQUESTED ON A CASE-BY-CASE BASIS DEPENDING ON THE SCOPE OF CABLE LAYING EFFORT AND THE ASSOCIATED STORAGE REQUIREMENT FOR

EXCAVATION EQUIPMENT AND CABLE REELS.

5. PREPARATIONS FOR THE NMCI SECOND INCREMENT INSTALLATIONS. PLANNING FOR THE NEXT INCREMENT OF NMCI ORDERS IS UNDERWAY. THE FOLLOWING IS A PRELIMINARY LISTING OF SITES THAT WILL REQUIRE FACILITIES SUPPORT DURING FY-02 (RECOMMENDED SIZE OF SERVER FARM CONTAINED IN PARENTHESES):

A. CNO SITES.

- US NAVAL ACADEMY, ANNAPOLIS, MD (L)
- NPGS MONTEREY, CA (M)
- NAVSUPACT, MILLINGTON, TN (VL)

B. USMC SITES.

- MCB QUANTICO, VA (L, COLLOCATED WITH GNOC)
- CAMP LEJEUNE, NC (VL)
- MCB HAWAII, KANEOHE BAY, HI (M)
- CAMP SMITH, HI (M)
- MCAS CHERRY POINT, NC (L)
- MCRD PARRIS ISLAND, SC (M)
- MCAS BEAUFORT, SC (M)
- MCLB ALBANY, GA (M)
- MCAGCC 29 PALMS, CA (M)
- MCAS YUMA, AZ (S)
- MCB CAMP PENDLETON, CA (VL)

C. CINCLANTFLT SITES.

- NAVPHIBASE LITTLE CREEK, VA (M)
- NAS OCEANA, VIRGINIA BEACH, VA (M)
- NAS KEFLAVIK (S)
- NSS MECHANICSBURG, PA (S)
- NAVSTA NEWPORT, RI (L)
- NAS BRUNSWICK, ME (S)
- SUBBASE NEW LONDON, GROTON, CT (M)
- DOD ACTIVITY-NACICP, FISC NORFORK DET, PHILADELPHIA, PA (M)
- SUBBASE KINGS BAY, GA (M)
- NAS ROOSEVELT ROADS, SAN JUAN, PUERTO RICO (M)
- NAVSTA GUANTANAMO BAY, CUBA (S)
- NAS KEY WEST, FL (S)
- WPNSTA CHARLESTON, SC (M)
- CBC, NCTC, NAVCARGOBN THIRTEEN, NRC GULFPORT, MS (S)
- NAVSTA MAYPORT, FL (M)

D. CINCPACFLT SITES.

- NAS WHIDBEY ISLAND, WA (M)
- NAVSTA EVERETT, WA (S)
- 32ND ST. NAVAL STATION, SAN DIEGO, CA (L)

E. COMNAVSEASYS COM SITES.

- NAVSHIPYARD PORTSMOUTH, VA (L)
- NSWC DAHLGREN, VA (L)
- NSWC CARDEROCK, MD (M)
- NAVSHIPYARD PORTSMOUTH, NH (M)
- NSWC INDIAN HEAD, MD (M)
- SUBBASE BANGOR, WA (M)
- NUWC KEYPORT, WA (M)
- NSWCDD, PANAMA CITY, FL (M)

F. COMSPAWARSYSCOM SITES.

- SPAWAR INFO TECHNOLOGY CENTER, LA (M)

G. COMNAVMETOCCOM SITES.

- STENNIS SPACE CENTER, MS (M)

H. CNET SITES.

- NTC, GREAT LAKES, IL (M)
- NAS PENSACOLA, FL (VL)
- NAS MERIDIAN, MS (M)
- NAS CORPUS CHRISTI, TX (M)

I. BUMED SITES.

- NMC/BDC/NSHS PERSONNEL SUPPORT DET, PORTSMOUTH, VA (M)
- NNMC BETHESDA, MD (M)
- NAVHOSP SAN DIEGO, CA (M)

6. GFF POINTS OF CONTACT.

REQUEST POC'S REQUESTED IN PARA 2 ABOVE BE FORWARDED TO THE COMNAVFACENGCOM POC, MR. DAVE NELSON, WITH CC COPIES TO THE OTHERS LISTED BELOW:

A. MR.DAVE NELSON, (619) 532-1410, EMAIL  
NELSONDP@EFDSW.NAVFAC.NAVY.MIL

B. CDR RANDY JACKSON, (202) 685-9207, DSN 325-9207, EMAIL  
JACKSONJR@NAVFAC.NAVY.MIL

C. MR. ROBERT CRUZ, 619-524-7585, EMAIL CRUZRP@SPAWAR.NAVY.MIL

D. USMC PROGRAM MANAGEMENT OFFICE POC, MAJ JEFF LEE, APM LOG,  
USMC PM NMCI/IT, 703-784-0826, DSN 278-0826, LEEJD@MCSC.USMC.MIL.

E. USMC/HQMC FACILITIES POC, MR. TOM VANNEMAN, HQCM LFF,  
703-693-9446, DSN 225-9446, VANNEMANTJ@HQMC.USMC.MIL.

7. EARLY AND ACTIVE COMMAND SUPPORT OF GFF PROVISIONING IS KEY TO  
THE SUCCESS OF THE NMCI./

BT//

BT

NNNN

RTD:000-000/COPIES:

Appendix C  
Marine Corps GFF Site Matrix

<b>LOCATION</b>	<b>PROJECTED AOR</b>	<b>SIZE REQUIREMENT</b>	<b>SERVER FARM IN SQUARE FEET</b>	<b>BASE LEVEL SUPPORT IN SQUARE FEET</b>
MCB Quantico, VA	1 February 2003	Very Large	7,250	14,100
MCB Camp Lejeune, NC	6 March 2003	Very Large	7,250	14,100
MCAS Cherry point, NC	6 March 2003	Large	4,850	10,000
MCAS Beaufort, SC	6 March 2003	Medium	3,000	6,600
MCRD Parris Island, SC	6 March 2003	Medium	3,000	6,600
MCLB Albany, GA	24 April 2003	Medium	3,000	6,600
MCB Camp Pendleton, CA	1 May 2003	Very Large	7,250	14,100
MAGTFTC 29 Palms, CA	1 May 2003	Medium	3,000	6,600
MCAS Yuma, AZ	1 May 2003	Medium	3,000	6,600
MCAS Miramar, CA	1 May 2003	Medium	3,000	6,600
MCB Hawaii, Kaneohe Bay	19 June 2003	Medium	3,000	6,600
MCB Hawaii, Camp Smith	19 June 2003	Medium	3,000	6,600
MCB Okinawa Japan, Camp Foster	TBD	Large	4,850	10,000
MCB Okinawa, Japan, Camp Hansen	TBD	Medium	3,000	6,600
MCB Okinawa, Japan, Camp Fuji	TBD	POP	380	850
MCAS Iwakuni, JA	TBD	Medium	3,000	6,600

## Appendix D – GFF GNOC/NOC Message DTG 231133Z APR 02

ADMINISTRATIVE MESSAGE

ROUTINE

R 231133Z APR 02 ZYB PSN 703328L23

FM COMMARCORSYSCOM QUANTICO VA//NMCI//  
TO CMC WASHINGTON DC//C4/CL/LF/LFF/LFL/RFO//  
CMC WASHINGTON DC//C4/CL/LF/LFF/LFL/RFO//  
COMMARFORLANT//G6/G4/G5//  
COMMARFORLANT//G6/G4/G5//

CG MCB QUANTICO VA//G5/G6//

CG MCAS CHERRY PT NC//G6/G5/G4//

CG MCAS CHERRY PT NC//G6/G5/G4//

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COMMARCORLOGBASES ALBANY GA//G6/G5/G4//

COMMARCORLOGBASES ALBANY GA//G6/G5/G4//

MITNOC QUANTICO VA

MITNOC QUANTICO VA

SOUTHWESTNAVFACENCOM SAN DIEGO CA//CODE 05I//

SOUTHWESTNAVFACENCOM SAN DIEGO CA//CODE 05I//

COMMARCORSYSCOM QUANTICO VA//C4ISR/PG10//

COMMARCORSYSCOM QUANTICO VA//C4ISR/PG10//

UNCLAS //N01000//

MSGID/GENADMIN/COMMARCORSYSCOM QUANTICO VA//

SUBJ/NAVY AND MARINE CORPS INTRANET (NMCI) GOVERNMENT FURNISHED//

FACILITIES (GFF) UPDATE AND REQUEST FOR INFORMATION//

REF/A/GENADMIN/COMMARCORSYSCOM/161346ZAPR2002//

AMPN/REF A IS RECENT MSG REGARDING UPDATE ON OVERALL NMCI GOVERNMENT

//

FURNISHED FACILITY (GFF) REQUIREMENTS.//

POC/MR. CHARLES THOMPSON/NMCI LOGISTICS MANAGER/MCSC NMCI/- /TEL: DSN 278-0816/EMAIL: THOMPSONCG@MCSC.USMC.MIL//

RMKS/1. THIS IS A HQMC I&L (LFF), C4, AND MCSC NMCI-IT// PMO (PROGRAM MANAGEMENT OFFICE) COORDINATED MESSAGE. PAGE 04 RUEOMFC0706 UNCLAS THIS TO REF A.

2. BACKGROUND: REF A IDENTIFIED AN INTERIM GNOC IS NOW AT NORFOLK AND THIS SITE IS TENTATIVELY SLATED AS THE PERMANENT GNOC SITE. QUANTICO WAS SLATED TO HOST THE NE/MID-ATLANTIC NOC, AS SPECIFIED IN THE NMCI CONTRACT, PARA. 5.6.1, SITE TABLE. ON 26MAR02, EDS NOTIFIED THE USMC THAT A CAMPUS OPTION, OFFERING THE FACILITIES PREVIOUSLY PROPOSED FOR USE AS GNOC DURING APR 01 WOULD NOT MEET THEIR OPERATIONAL REQUIREMENTS. ACCORDINGLY, NAVFAC IS NOW SEARCHING FOR AN ALTERNATE NOC LOCATION THAT WOULD SUPPORT A SINGLE, 40,000 SQ.

FT. FACILITY.

3. STATUS UPDATE: THE DIRECTOR OF NMCI, A PAGE 05 RUEOMFC0706 UNCLAS DIRECT REPORTING PROGRAM MANAGER (DRPM) TO ASN RD&A, WILL BE PROVIDING A LIST OF RECOMMENDATIONS FOR THE FOURTH NMCI NOC TO THE ASN DURING EARLY MAY 2002. USMC SITES PREVIOUSLY CONSIDERED, AS POTENTIAL SITES, WILL NEED TO BE ADDRESSED IN THE BRIEFING. THE THREE SITES ARE MCLB ALBANY GA, MCAS CHERRY POINT AND MCB QUANTICO VA. ALBANY HAS GFF READILY AVAILABLE TO SUPPORT ALL CATEGORIES OF GFF; GNOC, NOC, EMF, SERVER FARM AND BASE LEVEL SUPPORT. MCAS CHERRY POINT WAS A VERY EARLY GNOC ALTERNATE SITE AND MCB QUANTICO CAN PROVIDE A CAMPUS CONFIGURATION BUT NOT A CONTIGUOUS FACILITY.

4. RECAP OF NOC SPECIFICS: 40,000 SQ. FT. OF CONTIGUOUS SPACE CONSISTING OF 10,000 SQ. FT. OF RAISED COMPUTER FLOOR AND 30,000 SQ. FT. OF ADMINISTRATIVE SPACES. ADMINISTRATIVE SPACES WILL BE CONFIGURED WITH CUBICLES FOR PAGE 06 RUEOMFC0706 UNCLAS NOC PERSONNEL. WITHIN THE NOC SPACE, A 40X80 FT. SPACE WITH 20 FOOT HIGH CEILINGS WILL BE REQUIRED TO SUPPORT THE CONTROL CENTER FUNCTION. THE GOVERNMENT IS REQUIRED TO PROVIDE MAIN POWER, LIGHTING, PARKING, HEATING, AND VENTILATION. THE NMCI CONTRACTOR WILL "BUILD OUT" THE FACILITY TO MEET SPECIFICATIONS, AT NO COST TO THE GOVERNMENT, AND WILL PROVIDE NECESSARY REFURBISHMENT, NOC SPECIALIZED FURNITURE, PHONES, AND COMPUTERS. THE NOC WILL BE STAFFED INITIALLY BY 100 CONTRACTOR PERSONNEL AND ULTIMATELY STAFFED, AT FOC, BY UP TO 260 CONTRACTOR PERSONNEL (7 X 24 HOUR , OPERATIONS). THE LOCAL SERVER FARM SHOULD BE COLOCATED WITH THE NOC.

5. AS PREVIOUSLY STATED, THE NOC REQUIREMENT IS FOR 40,000 SQUARE FEET OF UNENCUMBERED, CONTIGUOUS SPACE, LOCAL SERVER FARM AND CORRESPONDING LOCAL BASE LEVEL SUPPORT SPACE. INFORMATION REQUIRED IS BASED ON THE FOLLOWING QUESTIONS:

A. BUILDING NUMBER.

B. TYPE OF BUILDING CONSTRUCTION (WOOD FRAME, MASONARY, CONCRETE, ETC.).

C. OVERALL CONDITION OF THE BUILDING AND PAGE 02 RUEOMFC0707 UNCLAS STATEMENT REGARDING ANY NEEDED REPAIRS. IF REPAIRS NEEDED, PROVIDE ESTIMATED OR PROJECTED COSTS, ONE TIME (SEGREGATE BY RPM, OBOS AND MISC. O&M COSTS).

D. CURRENT BUILDING USE: (WAREHOUSE, OFFICE, ETC.)

E. DO ANY TENANTS NEED TO BE RELOCATED? IF YES, PROVIDE ESTIMATED OR PROJECTED COSTS, ONE TIME AND RECURRING (SEGREGATE BY RPM, OBOS AND MISC. O&M COSTS).

F. DOES THE BUILDING HAVE RAISED COMPUTER FLOORING? IF YES, HOW DEEP?

G. NUMBER OF STORIES OF THE BUILDING.

H. WHEN WAS THE BUILDING CONSTRUCTED?

I. IS THERE ANY KNOWN HAZMAT THAT WOULD NEED TO BE ABATED? IF YES, PROVIDE ESTIMATED OR PROJECTED COSTS, ONE TIME (SEGREGATE BY RPM, OBOS AND MISC. O&M COSTS).

J. CEILING HEIGHT (MEASURED FROM FINISHED PAGE 03 RUEOMFC0707 UNCLAS FLOOR TO UNDERSIDE OF BEAMS AND/OR UTILITIES). NOTE: A 40 BY 80 FOOT SECTION NEEDS TO HAVE A 20 FEET CEILING HEIGHT WITH THE REMAINDER AT 12.5 FEET.

K. DISTANCE TO THE NEAREST FIBER OPTIC LOOP?

L. BUILDING TRANSFORMER SIZE AND AMPERAGE AVAILABLE FOR NMCI USAGE? NOTE: THE NOC REQUIREMENT IS FOR 3000 AMPS AT 480 VOLTS. IF TRANSFORMER UPGRADE IS REQUIRED, PROVIDE ESTIMATED OR PROJECTED COSTS, ONE TIME AND RECURRING (SEGREGATE BY RPM, OBOS AND MISC. O&M COSTS).

M. TYPE OF ROOFING (BUILT UP, SHINGLES, ETC.) AND AGE OF ROOFING? IS IT IN NEED OF REPAIR? IF YES, PROVIDE ESTIMATED OR PROJECTED COSTS, ONE TIME (SEGREGATE BY RPM, OBOS AND MISC. O&M COSTS).

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N. STATE HISTORICAL PRESERVATION OFFICE (SHPO) REQUIREMENTS? IF YES, PROVIDE BRIEF SYNOPSIS OF HISTORICAL CATEGORY LIMITATIONS.

O. PARKING AVAILABILITY?

6. ACTION. PROVIDE RESPONSE TO PARA 5 QUESTIONS TO PARA 7 POCS NO LATER THAN COB 26 APR 02 FOR ALBANY, QUANTICO AND CHERRY POINT. IF CAMPUS TYPE FACILITIES AND/OR MORE THAN ONE CONTIGUOUS FACILITY IS PROPOSED, ADDRESS PARA 5 QUESTIONS FOR EACH INDIVIDUAL BUILDING. E-MAIL RESPONSES REQUESTED DUE TO SHORT FUSE REQUEST TO PROVIDE INFORMATION TO DRPM IN PREPARATION FOR ASN RD&A BRIEFING.

7. POCS.

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UNQUOTE//  
BT  
#0706  
NNNN

Section 1: PSN 266836M31  
Section 2: PSN 266835M30

## Appendix E – List of Acronyms

### A

ACO – Administrative Contracting Officer  
AOR – Assumption of Responsibility  
APML – Assistant Program Manager Logistics  
ASN-RDA – Assistant Secretary of the Navy for Research and Development Acquisition

### B

BLS – Base Level Support

### C

C4I – Command, Control, Communications, Computers & Intelligence  
CG – Commanding General  
CIO – Chief Information Officer  
CLIN – Contract Line item Number  
CMC – Commandant of the Marine Corps  
COR – Contracting Officer’s Representative  
CTR – Customer Technical Representative

### D

DON – Department of the Navy

### E

EDS – Electronic Data Systems  
EFA – Engineering Field Activity  
EIRB – Environmental Impact Review Board  
EMF – Enterprise Management Facility

### F

FONSI – Finding of No Significant Impact

### G

GFF- Government Furnished Facilities  
GNOC – Global Network Operating Center

### H

HQMC I&L/LF – Headquarters Marine Corps Installation and Logistics/ Facilities and Services Division

I

IDF – Intermediate Distribution Frame

IT – Information Technology

ISF – Information Strike Force

L

LM – Logistics Manager

M

MAGTFTC – Marine Air Ground Task Force Training Center

MCAS – Marine Corps Air Station

MCB – Marine Corps Base

MCLB – Marine Corps Logistics Base

MCEN – Marine Corps Enterprise Network

MCRD – Marine Corps Recruit Depot

MCSC - Marine Corps Systems Command

MDF – Main Distribution Frame

N

NAS – Naval Air Station

NAVFAC – Naval Facilities Engineering Command

NE - Northeast

NMCI – Navy Marine Corps Intranet

NOC – Network Operating Center

NS – Naval Station

O

OBOS – Other Base Operating Support

OCONUS – Outside the Continental United States

OPNAV – Office of the Chief of Naval Operations

P

PEO-IT – Program Executive Officer for Information Technology

PM/NMCI/IT – Program Manager/Navy Marine Corps Intranet/Information Technology

Points of Contact (POC)

Point of Presence (POP)

R

RPM – Real Property Maintenance  
RFP – Request for Proposal

S

SLA – Service Level Agreement  
SPAWAR-PCO – Space and Naval Warfare Systems Command-Procurement  
Contracting Officer