Cover Sheet/Team Lis Project Title: BASE M Location: FINEGAYAN, GO Prepared By: US NAVSUE	OTOR POOL JAM		Project	Date: 07-JUN-21 UIC: N61159
A. Team Check List: B. Team Meeting: On-Site:	Date:	Working: X		Project Cost (\$000) 33670
C. Team Members: Name D. Remarks:	Position	Command E. Requ	ired At	Phone Number
F. Sign Offs:		X Site Pl Facilit Calcula R19 (Ba Notice Other PHOTOGR X BESS X BFRS	c Analys an y Plann: tions chelor I of Viola	
Signature Signature	Position			<u>Date</u>

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			4. Project Titl BASE MOTOR POO		
5. Program Element	6. Category Code 21420	7. Pro	ject Number J323	8. Proje	ct Cost (\$000) 33,670

9. COST ESTIMATES

J. CODI EDITATED						
Item	UM	Quantity	Unit Cost	Cost(\$000)		
BASE MOTOR POOL	LS			15,800		
AUTOMOTIVE VEHICLE MAINTENANCE SHOP	m2	772	9,859.90	(7,610)		
CC21420 (8,310SF)						
WASH PLATFORM CC21455	EA	4	784,302.55	(3,140)		
INFORMATION SYSTEMS	LS			(190)		
BUILT-IN EQUIPMENT	LS			(2,540)		
SPECIAL COSTS	LS			(2,170)		
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(150)		
SUPPORTING FACILITIES				14,390		
SPECIAL CONSTRUCTION FEATURES	LS			(120)		
SITE PREPARATIONS	LS			(2,830)		
SPECIAL FOUNDATION FEATURES	LS			(110)		
PAVING AND SITE IMPROVEMENTS	LS			(5,060)		
ELECTRICAL UTILITIES	LS			(3,100)		
MECHANICAL UTILITIES	LS			(1,250)		
ENVIRONMENTAL MITIGATION	LS			(650)		
MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)	LS			(1,270)		
SUBTOTAL				30,190		
CONTINGENCY (5%)				1,510		
TOTAL CONTRACT COST				31,700		
SIOH (6.2%)				1,970		
SUBTOTAL				33,670		
TOTAL REQUEST ROUNDED				33,670		
TOTAL REQUEST				33,670		
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(4,450)		

10. Description of Proposed Construction:

The project will construct a low-rise automotive vehicle maintenance shop consisting of administration areas, restrooms, janitor closet, tool room, vehicle maintenance bays, tire shop, lube storage, battery shop, parts storage, Nursing Mother's room, dispatch room, hazardous materials storage, electrical, telecommunication and mechanical rooms. The automotive vehicle maintenance shop will be constructed with a reinforced concrete shallow foundation, floor slab, walls, and roof. Floors in work areas shall be of non-skid/grease resistant finishes.

This project will also construct a vehicle wash platform consisting of four wash bays and a mechanical room. The vehicle wash platform will be constructed with a reinforced

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concrete shallow foundation, floor slab, walls, and roof. Floors in work areas shall be nonskid/grease resistant finishes. An automatic car wash, pressure washers, and oil water separators will be provided. Each building will be constructed with building systems appropriate to Guam seismic and environmental conditions, and applicable Unified Facilities Criteria (UFC).

Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.

This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings. User Generated Unit Costs were used for this project and include the cost of features to meet the minimum DoD AT standards.

Built-in equipment includes two vehicle lifts, an under-running bridge crane (5-tons), an automatic car wash, and various electrical panels, telecom racks, and mechanical equipment.

Smart Grid Equipment (Ethernet Network IP ICS Switches and Uninterruptible Power Supplies) are also included under Built-In Equipment. Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. Special costs also include, Guam Gross Receipt Taxes (GRT) and geospatial surveys and mapping.

Operations and Maintenance Support Information (OMSI) is included in this project.

Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low impact development will be included in the design and construction of this project as appropriate.

Special construction features include passive radon mitigation systems.

Pavement facilities include pads for a transformer and vacuum stations.

Site preparation includes site clearing and grubbing including green waste disposal, excavation including cut and fill work, temporary erosion and sediment control, and site grading.

Special foundation features include probing, grouting and cavity fill for soil stabilization.

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Paving and site improvements include paving for Organizational and Non-organizational vehicle parking, appropriate on-site maneuvering space for large vehicles (e.g. fire trucks) to access the maintenance bays and wash platforms, vehicle wash and rinse areas, site access to Road 10, and electrical enclosure access to Road 10. Other improvements include a trash enclosure, sidewalks, landscaping, and facility signs and landscaping.

Security fence and gates (vehicular and pedestrian) with barbed wire outriggers will be provided and shall comply with Marine Corps physical security requirements.

Electrical utilities include new lines and meters for primary and secondary electrical distribution, security and street lighting, telecommunication distribution, and transformer and pad enclosures.

Mechanical utilities include water distribution system (domestic/potable water and fire protection), sanitary sewer system, storm drainage including LID features, on-site fire hydrants, oil water separators, and mechanical enclosures for heating, ventilation, and air conditioning (HVAC) equipment protected with five-sided structures with CMU block walls and secured gates.

Environmental mitigation includes natural and cultural resource mitigation. Natural resources of note include high value trees, endangered species, and endangered species host plants. At the project site, these natural resources will be required to be handled by the contractor. Special handling of natural resources and natural resource monitoring may be required for this project. Consultations under Section 106 of the National Historic Preservation Act (NHPA) are completed. Any archaeological or cultural resources that exist onsite would not have been recovered during the J-001B Finegayan Utilities and Site Improvements Phase 1 project. There is a potential for inadvertent archaeological discoveries. Archaeology services will be required in the contingency that such discoveries are made during clearing, grubbing or excavation activities.

Munitions and Explosives of Concern (MEC) mitigation will be included in this project. Unexploded ordnance (UXO) and munitions and explosives of concern (MEC) clearance are required for this project. Ground intrusion activities or excavation work will adhere to Joint Region Marianas (JRM) Explosive Safety Submission.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. Requirement:	Adequate:	Substandard:
PROJECT:		

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Construct an automotive vehicle maintenance shop and vehicle wash platforms to provide a covered work area for inspection, maintenance, and repair of all transportation equipment assigned to the installation and it?s supporting activities.

(New Mission)

REQUIREMENT:

The 2009 Guam International Agreement was amended in October 2013 between the United States Government and the GOJ. The agreement outlines the realignment of Marine Corps elements to reduce United States military footprint in Okinawa, including the relocation of forces from Japan to Guam. The Guam Master Plan was completed in June 2014 to ensure all operational, base support, training, quality of life requirements, support facilities and infrastructure were efficiently identified. The majority of the MCB Guam northern area is undeveloped and requires significant site improvements, grading, earthwork, utility infrastructure, fencing and roadways to support vertical construction. This relocation will require the development of an automotive vehicle maintenance shop and wash racks to meet operational requirements to maintain all transportation equipment assigned to this new installation.

CURRENT SITUATION:

Currently, there are no consolidated vehicle maintenance facilities on the installation.

This project is not sited in a 100-year flood plain.

IMPACT IF NOT PROVIDED:

Units/activities will not vacate their current facilities on Okinawa, Japan until replacement and support facilities in Guam have been completed, inspected, accepted and outfitted. Failure to complete this project on time may delay or prevent the relocation from occurring. If this project is not provided, the maintenance of base vehicles will need to be performed elsewhere either locally or at another installation?s maintenance shop contributing to costly inefficiencies that will increase operating costs. Failure to provide this project will limit operational, training readiness of military units that must deploy in time of conflict by seriously impacting the availability of adequate maintenance facilities. Adequate vehicle maintenance facilities are critical for properly maintaining vehicles and equipment to ensure a state of readiness.

12. Supplemental Data:

- A. Estimated Design Data:
 - 1. Status:
 - (A) Date design or Parametric Cost Estimate started

03/2021

(B) Date 35% Design or Parametric Cost Estimate complete

10/2021

(C) Date design completed

06/2022

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B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	Procuring	FY Approp	
Nomenclature	Approp	or Requested	
C4I Planning & Design	O&MMC	2019	757
C4I Procurement & installation	PMC	2025	731
Collateral Equipment	O&MMC	2025	640
Electric Vehicles	PMC	2024	570
Furniture, Fixtures & Equipment (FF&E)	PMC	2022	1,752

CERTIFYING OFFICIAL STATEMENT:

6. Construction complete:

The Regional Commander certifies that this project has been recommended for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.

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Activity POC: Project Development Lead Phone No: TBD

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