

ATTACHMENT J1

MacDill AFB Electric Distribution System

TABLE OF CONTENTS

MACDILL AFB ELECTRIC DISTRIBUTION SYSTEM I

J1 MACDILL AFB ELECTRIC DISTRIBUTION SYSTEM 1

J1.1 MACDILL AFB OVERVIEW 1

J1.2 ELECTRIC DISTRIBUTION SYSTEM DESCRIPTION 1

J1.2.1 Electric Distribution System Fixed Equipment Inventory 1

 J1.2.1.1 Description 2

 J1.2.1.2 Inventory 3

J1.2.2 Electric Distribution System Non-Fixed Equipment and Specialized Tools 7

J1.2.3 Electric Distribution System Manuals, Drawings, and Records 7

J1.3 SPECIFIC SERVICE REQUIREMENTS 8

J1.4 CURRENT SERVICE ARRANGEMENT 9

J1.5 SECONDARY METERING 10

J1.5.1 Existing Secondary Meters 10

J1.5.2 Required New Secondary Meters 14

J1.6 MONTHLY SUBMITTALS 14

J1.7 ENERGY SAVING PROJECTS 15

J1.8 SERVICE AREA 15

J1.9 OFF-INSTALLATION SITES 15

J1.10 SPECIFIC TRANSITION REQUIREMENTS 16

J1.11 GOVERNMENT RECOGNIZED SYSTEM DEFICIENCIES 16

List of Tables

Fixed Inventory 3

Spare Parts 7

Specialized Vehicles and Tools 7

Manuals, Drawings, and Records 7

Existing Secondary Meters 10

New Secondary Meters 14

Service Connections and Disconnections 16

System Deficiencies 16

J1 MacDill AFB Electric Distribution System

J1.1 MacDill AFB Overview

MacDill Air Force Base is located approximately eight miles south of downtown Tampa on the tip of the Interbay Peninsula in Hillsborough County, Florida. The base is surrounded by Tampa Bay on the south and west; by Hillsborough Bay on the east, and by the city of Tampa on the north. The base covers about 5,630 acres of land and has an approximate population of 5,322 active duty and 1,077 civilian personnel.

MacDill is home for the 6th Air Mobility Wing (6th AMW). The 6th AMW is the host unit at MacDill AFB and supports several organizations including the United States Special Operations Command (USSOCOM) and the United States Central Command (USCENTCOM) along with 14 additional tenant organizations.

Based on present real estate records, MacDill AFB provides operations and maintenance support for approximately 624 separate facilities. This includes approximately 67 administration facilities; 16 dormitories (10 for Unaccompanied Enlisted Personnel, 2 for Visiting Airmen Quarters, and 4 for Visiting Officer Quarters); 3 Temporary Lodging Facilities; and 140 Military Family Housing Buildings (623 Individual Family Units). The remaining facilities are considered commercial or industrial use facilities and range from small shop spaces to large maintenance hangars.

J1.2 Electric Distribution System Description

J1.2.1 Electric Distribution System Fixed Equipment Inventory

The MacDill AFB electric distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, transformers, circuits, protective devices, utility poles, ductbanks, switches, street lighting fixtures, and other ancillary fixed equipment. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the electric distribution system privatization are:

- Airfield Lighting, to include the lighting vault, runway and taxiway edge markers, approach indicator lights, etc.
- Generators, to include transfer panels and disconnect devices
- Traffic Lights
- Athletic Field Complexes
- Airfield Parking Aprons
- Water tower beacon lights
- Parking lot lights fed off building internal circuits
- Security lights fed off building internal circuits
- Street lights fed off building internal circuits

J1.2.1.1 Description

Power is delivered to MacDill AFB through a Tampa Electric Company (TECO) owned electrical substation on the north side of the base near the MacDill Avenue gate. The TECO substation steps the voltage down from 69 kV to the 13kV distribution level. Two dedicated 13kV radial feeders from the TECO substation serve MacDill AFB. These feeders are identified as circuit numbers 2946 and 2950.

The two dedicated TECO 13.2 kV radial feeders supply power to government owned equipment located immediately adjacent to the TECO substation. The power is then distributed over the government owned distribution system via five radial distribution feeders. The nominal system voltage is 13.2 kV grounded WYE. The government-owned equipment also includes two spare circuit breakers.

Two of the five active feeders are dedicated feeders. One dedicated feeder is an all underground express feeder to Building 501 (USSOCOM). The other dedicated feeder is an all underground express feeder to Building 540 (USCENTCOM). The underground cable used on both of these feeders is 4/0 copper XLP.

The remaining three government owned feeders are typically overhead radial distribution feeders which serve the majority of the base loads. The typical backbone phase conductors used for each of the feeders is 556 AAAC aluminum. The branch circuits off the backbone typically consist of #2 copper conductors. There are some areas where aluminum conductors and/or #4 conductors are used on branch circuits. There are presently several underground sections on the backbone portion of these feeders.

The existing electrical distribution system is typically mounted on concrete poles along the majority of the Bayshore and Hangar Loop feeders. The existing north feeder is generally mounted on wood poles.

There is a limited capacity 13kV emergency supply from TECO in the northwest area of the base near the commissary. This supply is limited to 200 ampere maximum by the TECO feeder capacity and the existing 200 ampere fuse at the point of service. The purpose of this supply is to serve the commissary and/or BX during outages or during maintenance on the normal government distribution supply.

Power is metered by TECO at the substation. MacDill AFB presently has approximately 263 additional meters at other locations. The existing meters are expected to remain in place.

J1.2.1.2 Inventory

Table 1 provides a general listing of the major electric distribution system fixed assets for the MacDill AFB electric distribution system included in the sale.

TABLE 1
Fixed Inventory
Electric Distribution System MacDill AFB

Component Item	Size	Material Type	Quantity	Unit of Measure	Approximate Year of Installation
Primary Overhead Circuits					
AWG					
3ph, 4w, 13.2 kv, Conductor	500 kcmil	Aluminum	129,520	LF ¹	1970
3ph, 4w, 13.2 kv, Housing	500 kcmil	Aluminum	32,380	LF ¹	1970
3ph, 4w, 13.2 kv, Conductor	350 kcmil	Aluminum	91,440	LF ¹	1970
3ph, 4w, 13.2 kv, Housing	350 kcmil	Aluminum	22,860	LF ¹	1970
3ph, 4w, 13.2 kv, Conductor	# 2 ²	Copper	127,840	LF ¹	1970
3ph, 4w, 13.2 kv, Housing	# 2 ²	Copper	31,960	LF ¹	1970
3ph, 4w, 13.2 kv, Conductor	# 6 ²	Copper	3,600	LF ¹	1990
3ph, 4w, 13.2 kv, Conductor	4/0 ²	Copper	51,000	LF ¹	1970
3ph, 4w, 13.2 kv, Housing	4/0 ²	Copper	9,000	LF ¹	1970
3ph, 4w, 13.2 kv, Conductor	4/0 ²	Aluminum	26,400	LF ¹	1970
3ph, 4w, 13.2 kv, Conductor	2/0 ²	Aluminum	1,200	LF ¹	2001
3ph, 4w, 13.2 kv, Conductor	1/0 ²	Aluminum	10,560	LF ¹	1970
3ph, 4w, 13.2 kv, Housing	1/0 ²	Aluminum	2,640	LF ¹	1970
Primary Underground Circuits					
AWG					
3ph, 4w, 13.2kv, Direct Buried	4/0 ²	Copper	11,900	LF ¹	1970
3ph, 4w, 13.2kv, Housing	4/0 ²	Copper	2,100	LF ¹	1970
3ph, 4w, 13.2kv, Housing	1/0 ²	Copper	2,000	LF ¹	1990
3ph, 4w, 13.2kv, Direct Buried	2/0 ²	Copper	101,923	LF ¹	1970
3ph, 4w, 13.2kv, Housing	2/0 ²	Copper	25,481	LF ¹	1970
3ph, 4w, 13.2kv, Direct Buried	#2	Copper	3,500	LF ¹	2001
3ph, 4w, 13.2kv, Housing	750 kcmil	Copper	13,500	LF ¹	2003
Secondary Overhead Circuits					
AWG					
3ph, 4w, 600V	4/0	Aluminum	135,986	LF ¹	1970
Housing	4/0	Aluminum	23,998	LF ¹	1970
	2/0	Aluminum	151,016	LF ¹	1970
Housing	2/0	Aluminum	20,984	LF ¹	1970
	#2	Aluminum	288,000	LF ¹	1970
Secondary UG Circuits					
AWG					
3ph, 4w, 600V	#2	Aluminum	75	LF ¹	1970
	1/0	Aluminum	380	LF ¹	1971
	4/0	Aluminum	220	LF ¹	1972

Component Item	Size	Material Type	Quantity	Unit of Measure	Approximate Year of Installation
	250 kcmil	Aluminum	465	LF ¹	1973
	2/0	Aluminum	2,835	LF ¹	1974
Utility Poles	Height				
	40 ft.	Wood	180	EA	1970
	40 ft.	Concrete	842	EA	1989
Housing	40 ft.	Concrete	149	EA	1989
	40 ft.	Concrete	4	EA	2001
	45 ft	Concrete	140	EA	1989
Light Poles	20 ft.	Aluminum	60	EA	1979
	25 ft	Wood	35	EA	1970
	30 ft	Concrete	50	EA	1970
Elevated Street Lights	Watts				
	150	HPS	500	EA	1970
	400	HPS	500	EA	1970
	1000	HPS	130	EA	1983
	250	MH	270	EA	1970
Housing	250	MH	30	EA	1970
	400	MH	304	EA	1970
Housing	400	MH	96	EA	1970
	1500	MH	100	EA	1990
Switchgear	13 to 26 kv	Gang Operated	16	EA	1990
	13 to 26 kv	Single Blade	150	EA	1970
	15 kv	4-Way	3	EA	2003
Load Break Elbow Pads	15 kv		2	EA	2003
Fuse Cutouts	<200 Amp		80	EA	1990
Housing			20	EA	1990
			440	EA	1970
Housing			110	EA	1970
			3	EA	2001
Substation Circuit Breakers	13 to 26 kv		7	EA	1970
Reclosers	13 to 26 kv		5	EA	1970
			12	EA	2001
Electric Meters	1ph & 3ph 120 - 480 V		234	EA	1983
Housing			29	EA	1983
Vaults	6' X 10' X 7'	Pre-Cast	9	EA	1960

Component Item	Size	Material Type	Quantity	Unit of Measure	Approximate Year of Installation
	6' X 10' X 7'	Pre-Cast	15	EA	1970
	6' X 10' X 7'	Pre-Cast	24	EA	1977
	6' X 10' X 7'	Pre-Cast	2	EA	1993
	6' X 10' X 7'	Pre-Cast	20	EA	2000
	6' X 8' X 7'	Pre-Cast	6	EA	2003
Transformers					
	KVA				
Single Phase	5	Pole Mount	1	EA	1970
	10	Pole Mount	3	EA	1988
	10	Pole Mount	13	EA	1996
Housing	10	Pole Mount	3	EA	1996
	10	Pole Mount	15	EA	1970
Housing	10	Pole Mount	4	EA	1970
	10	Pad Mount	8	EA	1970
Housing	10	Pad Mount	1	EA	1970
	15	Pole Mount	15	EA	1970
Housing	15	Pole Mount	4	EA	1970
	15	Pad Mount	3	EA	1988
	25	Pole Mount	59	EA	1970
Housing	25	Pole Mount	11	EA	1970
	25	Pole Mount	5	EA	1990
	25	Pad Mount	3	EA	1980
Housing	25	Pad Mount	1	EA	1980
	37.5	Pole Mount	63	EA	1970
Housing	37.5	Pole Mount	16	EA	1970
	37.5	Pole Mount	3	EA	1993
	37.5	Pad Mount	5	EA	1970
	37.5	Pad Mount	1	EA	1994
Housing	37.5	Pad Mount	1	EA	1994
	45	Pole Mount	1	EA	1970
	50	Pole Mount	78	EA	1970
Housing	50	Pole Mount	19	EA	1970
	50	Pole Mount	4	EA	1986
	50	Pole Mount	11	EA	1997
	50	Pad Mount	3	EA	1970
	50	Pad Mount	3	EA	1988
Housing	50	Pad Mount	1	EA	1988
	75	Pole Mount	39	EA	1987
Housing	75	Pole Mount	10	EA	1987
	75	Pole Mount	1	EA	1986
	75	Pole Mount	4	EA	1997
Housing	75	Pole Mount	1	EA	1997
	100	Pole Mount	33	EA	1970
Housing	100	Pole Mount	4	EA	1970
	100	Pole Mount	19	EA	1990
	100	Pad Mount	3	EA	1970
	100	Pad Mount	9	EA	1990

Component Item		Size	Material Type	Quantity	Unit of Measure	Approximate Year of Installation
	Housing	100	Pad Mount	2	EA	1990
		112.5	Pad Mount	1	EA	1990
		150	Pole Mount	1	EA	1990
		167	Pad Mount	1	EA	1993
Transformers						
Three Phase	Housing	45	Pad Mount	2	EA	1996
		50	Pad Mount	2	EA	1970
		75	Pad Mount	2	EA	1970
	Housing	75	Pad Mount	2	EA	1970
		75	Pad Mount	1	EA	1980
	Housing	75	Pad Mount	1	EA	1997
		112.5	Pad Mount	2	EA	1992
		150	Pad Mount	3	EA	1972
		150	Pad Mount	3	EA	1984
		150	Pad Mount	2	EA	1995
		225	Pad Mount	2	EA	1971
		225	Pad Mount	5	EA	1980
		225	Pad Mount	1	EA	1996
		225	Pad Mount	10	EA	2003
		300	Pad Mount	18	EA	1970
		300	Pad Mount	2	EA	1995
		300	Pad Mount	7	EA	2001
		500	Pad Mount	7	EA	1970
		500	Pad Mount	24	EA	1981
		500	Pad Mount	6	EA	1994
		500	Pad Mount	1	EA	2002
		500	Pad Mount	1	EA	2003
		750	Pad Mount	3	EA	1970
		750	Pad Mount	3	EA	1980
		750	Pad Mount	1	EA	2003
		1000	Pad Mount	1	EA	1981
		1000	Pad Mount	1	EA	1995
		2000	Pad Mount	2	EA	1983
		2500	Pad Mount	1	EA	1970
		2500	Pad Mount	1	EA	1993

Legend:

AWG - American Wire Gauge, PH, ph – phase, w – wire, kv - kilovolt
 KVA - Kilovolt-Amperes
 EA, ea – Each
 HPS - High Pressure Sodium, MH – Metal Halide

Notes:

1. Conductor linear footage is determined end to end and not in wire miles.
2. Reflects the majority of conductor size. Conductor sizes vary from # 4 AWG thru 500MCM.

J1.2.2 Electric Distribution System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and Table 3 lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Electric Distribution System MacDill AFB

Qty	Item	Make/Model	Description	Remarks
	None			

TABLE 3
Specialized Vehicles and Tools
Electric Distribution System MacDill AFB

Description	Quantity	Location	Maker
None			

J1.2.3 Electric Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
Manuals, Drawings, and Records
Electric Distribution System MacDill AFB

Qty	Item	Description	Remarks
1		October 1996 through September 1998 Electric Utility bills.	
1		1996 through 1998 Annual Utility Service Contract Review for Electric Service	
1		MacDill Air Force Base Commander's Summary	
1		MacDill AFB Electrical drawings, E1 through E19, dated Jan 1999	Must be field verified
1		URS Greiner Hi Voltage Electric Distribution Survey	

Qty	Item	Description	Remarks
1		URS Greiner drawings prepared in 1998 reflecting electrical survey work.	Must be field verified
1		MacDill Air Force Base Infrastructure Assessment report	
1		TECO report entitled "MacDill AFB Executive Summary"	

J1.3 Specific Service Requirements

The service requirements for the MacDill AFB electric distribution system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the MacDill AFB electric distribution system and are in addition to those found in Section C. If there is a conflict between requirements described below and Section C, the requirements listed below take precedence over those found in Section C.

Offeror shall replace overhead electrical lines with underground service when the existing overhead lines reach the end of their service life. New or renewal electrical lines will placed underground.

For areas where conduit or ductbank is installed under hard surfaces, especially parking lots and roads, we use, where feasible, directional boring or jack/bore drilling techniques. Under soft surfaces (green spaces), cut and cover may be used. However, in areas that have extensive landscaping, it may be more economical to use directional boring, to prevent replacing expensive shrubbery or trees.

LOCAL SECURITY PROCEDURES

Due to heightened security concerns on military installations, effective immediately, all Contractor and subcontractor personnel who must enter onto MacDill AFB to perform this contract must undergo a background check. Background checks will be conducted using the following information: the name, driver’s license numbers, and/or social security number and date of birth of the person that will be entering the installation. These measures will continue until you are notified otherwise. If any of your employees or the employees of any of your subcontractors do not consent to a background check, such individuals will be prevented from entering the installation until you are otherwise notified. **Any derogatory information resulting from a background check or which otherwise comes into the possession of the contracting officer may also result in such individuals being prevented from entering the installation for purposes of performing work at any time on the subject contract. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as required.**

Contractors are further reminded to ensure their employees and those of their subcontracts have the proper credentials allowing them to work in the United States. Persons later found

to be undocumented or illegal aliens will be remanded to the proper authorities. The contractor shall not be entitled to any compensation for delays or expenses associated with complying with the provisions of this clause.

Material Deliveries. All contractor (including subcontractor) deliveries shall be made by accessing the Port Tampa Gate. In order to gain entry onto MacDill AFB, the driver must have a valid driver’s license rated for the type of vehicle being operated, proof of insurance, social security number, the name and contact (telephone) number of someone receiving the delivery. In some cases, an escort may be required to assist drivers in completing the delivery. Contractors may be required to provide the escort and must be done so without cost, liability, or time extension to the contract. Drivers are required to exit the installation immediately after completing the delivery.

In accordance with Paragraph C.7, *Service Interruption/Contingency Plan*, the Contractor shall provide support during increased Force Protection Conditions (FPCONs) as outlined in MacDill AFB FPCON Checklist’s. The MacDill AFB FPCON Checklist will be available in the technical library.

The contractor shall maintain existing security mechanisms (i.e. locks, fences) to protect the utility systems, such as pumping stations, critical nodes and valve pits. The mechanisms should ensure controls to prevent tampering or sabotage.

In accordance with Paragraph C.7, *Service Interruption/Contingency Plan*, the Contractor shall notify the following agencies for Service Interruption/Contingency Response Plan: 6th Airlift Wing Command Post (6 AW/CP; the 6th Civil Engineer Squadron Fire Department (6 CES/CEF; and the 6th Security Forces Squadron/Security Forces Control Center, (6SFS/SFCC).

J1.4 Current Service Arrangement

MacDill AFB purchases electricity from the Tampa Electric Company (TECO). The power is delivered through a TECO owned electrical substation on the north side of the base near the MacDill Avenue gate. The TECO substation steps the voltage down to the 13kV distribution level. Two dedicated 13kV radial feeders from the TECO substation serve MacDill AFB. These feeders are identified as circuit numbers 2946 and 2950. There is also other TECO load that serves off-base requirements and is supplied from this substation using separate feeders.

From data obtained from electrical consumption and billing records, the usage for FY 02 at MacDill AFB is as follows:

Peak kW Demand	21,430	kW
High Month - July 2002	11,514,854	kWH
Low Month - March 2002	8,306,222	kWH
Total Annual Consumption	120, 797, 643	kWH
Average Daily Consumption	330,952	kWH

J1.5 Secondary Metering

The Installation may require secondary meters for internal billings of their reimbursable customers, utility usage management, and energy conservation monitoring. The Contractor shall assume full ownership and responsibility for existing and future secondary meters IAW Paragraph C.3.

J1.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings once a month for all secondary meters IAW Paragraph C.3.3 and J1.6 below.

TABLE 5
Existing Secondary Meters
Electric Distribution System MacDill AFB

Facility ID	Facility Name/Description	Meter Number	Facility ID	Facility Name/Description	Meter Number
3	Snack Vending Machines	50926551	711	Base Hospital	31547614
7	Defense Mapping Agency	12947758	712	Hospital	7224063
7	Defense Mapping Agency	63299972	712	Hospital	1910914
7	Defense Mapping Agency	76685175	712	Hospital	7224828
17	BX Concession	49822268	712	Hospital	757808
17	BX Concession	96356332	712	Hospital	6377964
17	BX Concession	16036	712	Hospital	70005830
18	BX Admin	47992600	712	Hospital	70005860
18	Post Office		712	Hospital	S 6055222
18	BX Cafe	7230850	713	GTE Cellular Xmitter	97929230
18	BX Retail Whse		725	Golf Course Starter Shack	81961755
21	MFH Wherry Substation	38931165	767	GTE	27181819
38	Clothing Sales	50871626	769	GTE	39932741
101	NAVY PSD Ph 88930		790	Cable Vision Industries CVI	64035810
102	Credit Union	50 883092	925	Commissary	75964218
140	Tennis Court	58915859	925	Package Store	58093194
241	USN Reserves	70414820	925	Barnett Bank	77788587
298	No RPI Record	7058427	925	Child Care Center Annex	14697234
298	Bowling Alley	38931161	925	Class IV Package Store	14712226
317	POV Wash Rack	7216718	925	Class IV Package Store	9822
353	Housing Office	72071015	925	Class IV Package Store	6444981
353	Fam Hsg Mgt. Office	1452204	925	Class IV Package	72561051

Facility ID	Facility Name/Description	Meter Number	Facility ID	Facility Name/Description	Meter Number
				Store	
396	Billboard	866359975	926	BX Furniture Store	95050216
397	Officer's Club	38931169	926	Satellite Pharmacy	76332163
397	Officer's Club	39805700	926	BX North Area	30935431
397	Officer's Club	1041052	926	BSE Package Store	21713225
397	Officer's Club	6097950	926	Sales Store	30
401	Fam Hsg APPR PFY50	6504445	930	Burger King	79137995
402	Fam Hsg APPR PFY50	1041059	930	Burger King	77655798
403	Fam Hsg APPR PFY50	1031054	930	Burger King	4605299
404	Fam Hsg APPR PFY50	1041061	1056	Corps of Engineer's Mobile	69477956
405	Fam Hsg APPR PFY50	1041062	1056	Admin Office NON-AF	
410	MWR Tennis Courts	74501775	1066	Corps of Engineer's JAX	64723160
423	MFH Staff Loop	35142319	1097	Defense Fuel Supply Center	70392092
426	No RPI Record	385962	1102	DRMO	62716454
461	No RPI Record	909001029	1121	Defense Fuel Supply Center	74501752
499	NCO club	36005025	1121	Defense Fuel Supply Center	70383026
499	NCO club	6505268	1203	Tinker School	51034747
499	NCO club	6472980	1203	Tinker School	59490324
501	SOCOM	31467224		Tinker School Annex	27742757
501A	SOCOM Annex	78959133	1701	Golf Clubhouse Maint. Area	47257556
540	Centcom (estimate only)	no meter nr	1702	Golf Course Herbicide Shack	74501749
541	No RPI Record	19129	1705	Golf Cart Barn	38931172
654	MWR Sup C-Storage	7228920	1708	Golf Snack Bar	49257643
654	Racoon's Creek Marina HQ	76988760	1873	Fam Camp Lift Sta	49258430
657	Ball Field Lights / Tinker	89282176	1885	RES Forces C-E Tng.	665036
692	No RPI Record	7229541	1886	Air Natl Grd ANG (Lift Sta)	76352048
692	Marina Cafe	59596361	1886	Air National Guard ANG	82606110
696	Material Services	757814	1886	Air National Guard ANG	7675751
704	Ball Fields / Gym 704A/B/C	70498632	2001	Home/McClelland Dr	43218899
707	Golf Clubhouse KWH	77385144	2002	Home/McClelland Dr	43218739
707	No RPI Record	31900461	2003	Home/McClelland Dr	43218739
711	Base Hospital	37316751	2004	Home/McClelland Dr	43218466
711	Base Hospital	7231995	2005	Home/McClelland Dr	43218899
711	Base Hospital	31900462	2006	Home/McClelland Dr	43218966

Facility ID	Facility Name/Description	Meter Number	Facility ID	Facility Name/Description	Meter Number
2007	Home/McClelland Dr	43218736		MWR Officer Club Garden Dr.	
2008	Home/McClelland Dr	43218753		ANG Tampa Blvd MFH	
2009	Home/McClelland Dr	43218754		ANG Tampa Blvd MFH	
2010	Home/McClelland Dr	43218963		Auto Hob Shop 2112 Staff Circle	
2017	Racoon's Creek Pavilion	92440539		Boat Slip Paul Smith Area	
2018	Racoon's Creek Boat Slips	74501796		Bowling Alley 2132 Staff Circle	
2101	Home/McClelland Dr	43218742		BX Exchange	
2102	Home/McClelland Dr	63640401		BX Exchange 2106 Staff Circle	
2103	Home/McClelland Dr	43218740		BX Exchange Garden Dr.	
2104	Home/McClelland Dr	43218965		BX Exchange Hospital	
2105	Home/McClelland Dr	43218896		Coons Creek Hq Ent.#2	
2106	Home/McClelland Dr	43218968		Coons Creek Hq Hosp. Incinerator	
2107	Home/McClelland Dr	63726119		Coons Hq MacDill Gate	
2108	Home/McClelland Dr	43218895		Fam Camp Burger King (BX)	
2109	Home/McClelland Dr	43218738		Fam Camp BX Main	
2110	Home/McClelland Dr	43218743		Fam Camp Commissary	
2210	No RPI Record	1601672		Fam Camp Laundry Commissary	
7511	MFH Paul Smith Dr	36005026		Fam Camp NCO Club (MWR)	
B91	Tennis Court	74501753		Fam Camp NCO Club (MWR) boiler RM	
	Rapid Development	32603122		Golf Clubhouse 2307 White Ibis	
	New BX Gas Station	45287574		Golf North pump 1 hrs	
	Med Fly Complex	9716678		Golf North pump 1 hrs	
	Radar Station FAA	92553588		Hospital	
		54		Hospital	
		42964		Hospital, 2136 Staff Circle	
		142598		Hospital 7706 Bayshore Blvd	
		476422		Hospital, Off Club (MWR) kitchen	
		757813		Hospital, Off Club(MWR) boiler RM	
		3504598		Hospital, Tampa Blvd MFH	

Facility ID	Facility Name/Description	Meter Number	Facility ID	Facility Name/Description	Meter Number
		6439980		Hospital, White Magnolia Ave	
		6504346		Housing Office	
		7220557		NCO Club Hospital	
		7228925		New BX Gas Station	
		7228926		Pavilion lift sta motor	Pump #1
		7228929		Pavilion lift sta motor	Pump #2
		7228930		Snack Bar Beach (Elec Pw Sta)	
		31556167	Lot # 01	Trailer Park Meter	69 189 132
		31556178	Lot #02	Trailer Park Meter	63 862 701
	Fam Camp	39743939	Lot # 08	Trailer Park Meter	59 424 318
	Fam Camp	39744182	Lot # 09	Trailer Park Meter	73 048 188
	Fam Camp Main	39898387	Lot # 11	Trailer Park Meter	64 078 794
	Fam Camp	40950112	Lot # 12	Trailer Park Meter	68 686 195
	Fam Camp	41488947	Lot # 13	Trailer Park Meter	60 231 772
		44790851	Lot # 15	Trailer Park Meter	75 478 163
	Coons Creek Maint.	49256934	Lot # 16	Trailer Park Meter	65 902 536
	Fam Camp Lift Sta	49258430	Lot # 17	Trailer Park Meter	69 115 200
	Fam Camp	59495763	Lot # 19	Trailer Park Meter	54 309 192
	Fam Camp	70498616	Lot # 21	Trailer Park Meter	60 684 558
		72228924	Lot # 22	Trailer Park Meter	68 281 947
	Pump House on Green	76414589	Lot # 24	Trailer Park Meter	65 071 770
	MFH New Wherry Hsg	76988771	Lot # 26	Trailer Park Meter	74 372 612
		909001013	Lot # 31	Trailer Park Meter	65 854 091
		909001014	Lot # 32	Trailer Park Meter	57 494 421
		909001015	Lot # 33	Trailer Park Meter	89 232 709
	Hospital, 2213 White Magnolia				
Lot # 36	Trailer Park Meter	64 994 808	Lot # 73	Trailer Park Meter	70 729 881
Lot # 38	Trailer Park Meter	60 388 434	Lot # 75	Trailer Park Meter	59 454 371
Lot #39	Trailer Park Meter	58 158 651	Lot # 76	Trailer Park Meter	71 886 396
Lot # 41	Trailer Park Meter	74 810 040	Lot # 77	Trailer Park Meter	73 867 975
Lot # 42	Trailer Park Meter	84 900 108	Lot # 78	Trailer Park Meter	67 530 719
Lot # 43	Trailer Park Meter	71 176 429	Lot # 80	Trailer Park Meter	67 503 396
Lot # 44	Trailer Park Meter	60 641 754	Lot # 81	Trailer Park Meter	78 065 939
Lot # 46	Trailer Park Meter	84 900 101	Lot #82	Trailer Park Meter	84 900 084
Next to # 52	Trailer Park Meter	36177699	Lot # 83	Trailer Park Meter	74 373 511
Lot # 52	Trailer Park Meter	75 434 644	Lot # 86	Trailer Park Meter	73 085 670
Lot # 55	Trailer Park Meter	69 547 000	Lot # 87	Trailer Park Meter	73 606 711
Lot # 56	Trailer Park Meter	76 110 244	Lot # 88	Trailer Park Meter	60 209 581
Lot # 58	Trailer Park Meter	82 052 126	Lot # 89	Trailer Park Meter	80 021 632
Lot # 60	Trailer Park Meter	65 626 815	Lot # 90	Trailer Park Meter	57 045 510
Lot # 61	Trailer Park Meter	79 615 961	Lot # 91	Trailer Park Meter	73 017 630
Lot # 63	Trailer Park Meter	71 180 455	Lot # 93	Trailer Park Meter	64 107 305
Lot # 65	Trailer Park Meter	74 422 898	Lot # 94	Trailer Park Meter	58 346 362

Facility ID	Facility Name/Description	Meter Number	Facility ID	Facility Name/Description	Meter Number
Lot # 67	Trailer Park Meter	84 900 100	Lot # 98	Trailer Park Meter	60 210 351
Lot # 68	Trailer Park Meter	56 908 914	Lot # 100	Trailer Park Meter	71 904 727
Lot #69	Trailer Park Meter	75 086 926	Lot # 102	Trailer Park Meter	58 346 573
Lot # 70	Trailer Park Meter	84 900 087	Lot # 104	Trailer Park Meter	67 194 630
Lot # 71	Trailer Park Meter	73 088 200		Mission Planning Bldg	

J1.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3.3 and J1.6 below.

TABLE 6
 New Secondary Meters
 Electric Distribution System MacDill AFB

Meter Location	Meter Description
None	

J1.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor’s monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to:

Name:	Utility COTR	Utility Contract Administrator
Address:	6 CES/CEQ 7621 Hillsborough Loop Drive MacDill AFB, FL 33621-5207	6 CONS/LGCM 2606 Brown Pelican Avenue MacDill AFB, FL 33621-5000
Phone number:	813-828-4554	813-828-3238

2. Outage Report. The Contractor’s monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to:

Name:	Utility COTR	Utility Contract Administrator
-------	--------------	--------------------------------

Address:	6 CES/CEQ 7621 Hillsborough Loop Drive MacDill AFB, FL 33621-5207	6 CONS/LGCM 2606 Brown Pelican Avenue MacDill AFB, FL 33621-5000
Phone number:	813-828-4554	813-828-3238

- Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor’s monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to:

Name:	Utility COTR	Utility Contract Administrator
Address:	6 CES/CEQ 7621 Hillsborough Loop Drive MacDill AFB, FL 33621-5207	6 CONS/LGCM 2606 Brown Pelican Avenue MacDill AFB, FL 33621-5000
Phone number:	813-828-4554	813-828-3238

- System Efficiency Report. If required by Paragraph C.3, the Contractor shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to:

Name:	Utility COTR	Utility Contract Administrator
Address:	6 CES/CEQ 7621 Hillsborough Loop Drive MacDill AFB, FL 33621-5207	6 CONS/LGCM 2606 Brown Pelican Avenue MacDill AFB, FL 33621-5000
Phone number:	813-828-4554	813-828-3238

J1.7 Energy Saving Projects

IAW Paragraph C.3, Requirement, the following projects have been implemented on the distribution system by the Government for energy conservation purposes.

None

J1.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the MacDill AFB boundaries.

J1.9 Off-Installation Sites

No off-installation sites are included in the sale of the MacDill AFB electric distribution system.

J1.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnections
Electric Distribution System MacDill AFB

Location	Description
None	

J1.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the MacDill AFB electric distribution system. If the system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewal and Replacement Plan process and will be recovered through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Electric Distribution System MacDill AFB

Project Number	Title/Description
NVZR020051	Repair Hangar Loop Feeder to Hangar 3
NVZR030045	Repair Bayshore - Golf Course Road Electric Line
NVZR040022	Repair Marina Bay to H3-JCSE Electric Lines
NVZR980055P2	Repair MSA Electrical, Phase 2
NVZR030126	Electrical Support for DTSMF
NVZR030206C	Repair McClelland Avenue Electric
NVZR030210	Repair MacDill Main Electrical Substation