ATTACHMENT J1

Hanscom AFB Electric Distribution System

TABLE OF CONTENTS

List of Tables

J1 Hanscom AFB Electric Distribution System

J1.1 Hanscom AFB Overview

Hanscom AFB is located 20 miles northwest of Boston and is surrounded by the historic towns of Bedford, Lexington, Lincoln, and Concord. The Base occupies approximately 830 acres of land, and has approximately 200 buildings and other facilities with a total square footage of approximately 5.5 million square feet.

More than 13,000 people live and work at Hanscom AFB. Many are employees of the following major on-Base tenants:

- The Electronics Systems Center (ESC) plans and manages the acquisition of electronic command, control, communications, and intelligence systems for the Air Force, other military services, and various DoD and other entities. The ESC has an annual budget of $4 billion and manages more than 200 programs ranging from secure communication systems to mission planning systems. The Airborne Warning and Control System (AWACS) and the Joint Surveillance Target Attack Radar System (JSTARS) are two of the ESC's premiere programs.
- The MITRE Corporation is a federal contract research center that provides assistance to the ESC on systems engineering, architectures and interoperability, technology application, system development, and acquisition and process implementation.
- The Massachusetts Institute of Technology (MIT) Lincoln Laboratory is a federally funded research center with areas of responsibility that include radar, communications, digital signal processing, optic research, and advanced electronics.
- The Air Force Research Laboratory, a consolidation of the former Phillips and Rome Laboratories, houses the Air Force Center for Research in the Environmental Sciences, and for Scientific Research and Development of Command, Control, Communication, and Intelligence Technology. It operates several laboratories and technical facilities including vacuum testing chambers. It also operates a research library that also serves the ESC, MITRE, the Base community, and area businesses and academic institutions.
- The 66th Air Base Wing provides municipal services to the Base community.

Hanscom AFB dates from 1941, when the Massachusetts legislature authorized the purchase of a large tract of farmland for an auxiliary Boston airport to be funded by the federal government in anticipation of the future war effort. In 1942 the Bedford Airport was leased to the War Department and used as a training site. The airport was renamed Laurence G. Hanscom Field in 1943. Through the years, the airfield—renamed Laurence G. Hanscom AFB in 1973, and shortened to Hanscom AFB in 1977—became an important radar research and testing center. All flight operations, except for transient aircraft servicing, ceased in 1973; the Air Force terminated its lease on the airfield portion of the Base, but retained the right to use the airfield.

Projected future mission requirements have necessitated the renovation or demolition of older facilities at Hanscom AFB and the construction of new facilities. The Hanscom AFB Capital Improvements Program (CIP) emphasizes consolidating existing facilities and maximizing their utilization as much as possible. Over the next 5 years, key projects planned for Hanscom AFB, if implemented, will increase the total square footage of buildings and facilities on Base by approximately 5 percent.

J1.2 Electric Distribution System Description

J1.2.1 Electric Distribution System Fixed Equipment Inventory

The Hanscom 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:

- Hanscom AFB Military Housing electric distribution
- Hanscom AFB Trailer Park (distribution system owned by others)
- Hanscom AFB fault protection and EMCS monitoring equipment

J1.2.1.1 Description

Hanscom AFB electrical service is provided at 14.4-kilovolts (kV) through three sets of 500-thousand-circular-mill (kcmil) EPR cables to the Base substation. At the Base perimeter, near the Small Business Office (Building 1100) and the former Phillips Laboratory Gate (Gate 3), a manhole is located where responsibility for the electrical system shifts from NStar, the transmission and distribution (T&D) provider, and Transcanada, the commodity provider, to Hanscom AFB.

From the manhole at the Base perimeter, the circuits are routed through an underground ductbank to the Base's main substation. This substation serves as the main power distributor for the entire Base. That portion of the substation where the main incoming and feeder breakers are housed is made up of a section of walk in metal enclosed switchgear. This is where the Electric Utility owned revenue meters are located. The switchgear main bus is rated for 2,000 A at 15 kV. The main incoming Nstar lines and bus tie circuit breakers are rated 2,000 amperes (A) and the feeder breakers are rated 1,200 A, all at 15 kV. The switchgear is arranged in a four bus configuration with an incoming feed serving each of

three of the four buses with tie breakers between adjacent buses. Each of the four buses has three feeder breakers for serving load. Spaces for three spare breakers are available on Bus No. 2 and 3 to allow for future expansion. From the main bus, three breakers feed the three 3,750-kV amperes (kVA), 14.4- to 4160/2520-V power transformers located in the substation. One of the transformers feeds the former Phillips Laboratory and part of the former Rome Laboratory area. A second (newest) transformer serves the on-Base steam and chilled water plant. The third transformer is used as a spare transformer and may be used to backup either of the two utilized transformers. Switching arrangements are available to shift loads and services among all three transformers. From the main bus, five distribution circuits feed the remainder of the Base.

The Hanscom AFB electric distribution system is currently monitored by fault indicator equipment at 73 total locations through out the main base. Fault indicator equipment is connected to the EMCS system on the electric distribution system wiring. The fault indicator equipment is a part of the system to be transferred. The EMCS system is not a part of the system to be transferred and is excluded from privatization. The point of demarcation is at the Fault indicator equipment connection, ownership includes the connection and fault indicator wiring. The fault indicator equipment is monitored at the computer in the Exterior Electric Shop, Building 1817. There is no SCADA system for remote operation or monitoring of the electric utility system.

J1.2.1.2 Inventory

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

TABLE 1
Fixed Inventory
Electric Distribution System Hanscom AFB

Component	Size	Quantity	Unit	Approximate Year of Construction
	Main Base			
Underground Circuits	**AWG**			
3-phase, 4-wire, 15-kV cable, copper, total conductor length	#500	19,800	SCLF	2000
	#4/0	7,005	SCLF	1989
	#4/0	103,200	SCLF	2000
	#2	1,530	SCLF	1989
	#2	90,750	SCLF	2000
	#2	6,000	SCLF	2002
3-phase, 4-wire, 5-kV cable, copper, total conductor length	#500	7,200	SCLF	1989
	#2/0	14,400	SCLF	1989
600-V cable, copper	#500	6,450	SCLF	2000
	#3/0	15,150	SCLF	2000
	#2	2,000	SCLF	2000

TABLE 1
Fixed Inventory
Electric Distribution System Hanscom AFB

Component	Size	Quantity	Unit	Approximate Year of Construction
Underground Conduit				
Underground conduit ductbank (1 X 1), PVC, 4' depth	2-in.	2,850	LF	2000
	4-in.	450	LF	2000
Underground conduit ductbank (1 X 2), PVC, 4' depth	4-in.	24,025	LF	2000
.	4-in.	2,000	LF	2002
Underground conduit ductbank (2 X 2), PVC, 4' depth	4-in.	10,045	LF	1989
	4-in.	35,500	LF	2000
Transformers	**Nom kVA**			
3-phase, oil-filled	25	1		2000
	75	10	EA	2000
	112.5	1	EA	1989
	112.5	11	EA	2000
	150	5	EA	1989
	150	9	EA	2000
	225	12	EA	1989
	225	18	EA	2000
	300	1	EA	1989
	300	1	EA	2002
	300	11	EA	2000
	500	10	EA	1989
	500	11	EA	2000
	750	5	EA	1989
	750	1	EA	2000
	1000	1	EA	1989
	1000	6	EA	2000
	1500	3	EA	2000
1-phase, oil-filled	25	1	EA	1989
	25	9	EA	2000
	50	1	EA	1989
	50	6	EA	2000
	75	3	EA	2000
	100	17	EA	2000
	167	19	EA	2000
Transformer Pad, concrete, est. at 25 sf/ea		172	EA	1984
Cable terminators, UG, est. at 1 per phase at riser pole		404	EA	1984
Transformers, grounding, est. at 1 per transformer		172	EA	1984
Street lights	400-W HPS	584	EA	
Manholes				

TABLE 1
Fixed Inventory
Electric Distribution System Hanscom AFB

Component	Size	Quantity	Unit	Approximate Year of Construction
Electric manhole (7'W X 11'L X 8'H)		50	EA	1989
		198	EA	2000
Switches				
2-way 15kV, 600A		8	EA	2000
3-way 15kV, 600A		2		2000
4-way 15kV, 600A		2		1989
		14		2000
5-way 15kV, 600A		1		2000
Switch Pad, concrete, est. at 25 sf/ea		325	SF	1984
Cable terminators, UG, est. at 1 per phase at pad mount switches		273	EA	1984
Meters		88	EA	
Substation				
Chain link fence		215	FT	1955
		149	FT	1989
Crushed gravel		50	CY	1955
Main Switchgear (enclosed metal outdoors) 15 kV, 2000 A				
Control half section		3	EA	1991
Vacuum circuit breaker half section with relays, 2000 A		6	EA	1991
Vacuum circuit breaker half section with relays, 1200 A		7	EA	1991
Metering half section		10	EA	1991
Spare Breaker, 1200A		3	EA	1991
Spare half sections		3	EA	1991
Switchgear B; Metal Clad 5kV				
Breaker section, 5kV		1	EA	1955
Breaker, 5kV		1	EA	2000
Breaker section, 5kV		1	EA	1955
Breaker, 5kV		1	EA	2000
Breaker section, 5kV		1	EA	1955
Breaker, 5kV		1	EA	2000
CPT		1	EA	1955
Breaker section, 5kV		1	EA	1955
Breaker, 5kV		1	EA	2000
Breaker section, 5kV		1	EA	1955
Breaker, 5kV		1	EA	2000
Breaker section, 5kV		1	EA	1955
Breaker, 5kV		1	EA	2000
Breaker section, 5kV		1	EA	1955

TABLE 1
Fixed Inventory
Electric Distribution System Hanscom AFB

Component	Size	Quantity	Unit	Approximate Year of Construction
Transformers				
3,750 kVA, 14.4 kV – 4,360/2,520 V, 3-phase, 4-wire		4	MVA	1955
		4	MVA	1955
		4	MVA	1990
1-phase, oil filled	50 kVA	1	EA	1991
Substation Other				
Network switch, 3-way, 5 kV		1	EA	
AC panelboard		1	EA	1991
DC panelboard		1	EA	1955
Batteries		65	EA	1991
Battery charger		1	EA	1955
Building		676	SF	1955
3/4-in. PVC conduit		36	LF	1991
2-in. PVC conduit		24	LF	1991
4-in. PVC conduit		111	LF	1991
5 kV cable, copper	#250	300	SCLF	1991
600V cable, copper	#10	80	SCLF	1991
	#2	135	SCLF	1991
15kV cable, copper	#2	40	SCLF	1991
Diesel generator	60 kW	1	EA	1991
Auto transfer switch	300 A	1	EA	1991
5kV Substations				
Vacuum circuit breaker, with relays	5 kV, 1200 A	2	EA	1991
	5 kV, 1200 A	1	EA	1985
	5 kV, 1200 A	7	EA	1991
Cage fence (45-ft X 15-ft)		120	LF	1991
Battery room (9-ft X 20-ft)		180	SF	1991
Battery charger		1	EA	1991
Batteries 150 amp hr/each		20	EA	1991
Cable terminations	5 kV	30	EA	1985
Interrupter switch	5 kV, 400 A	5	EA	1991
	5 kV, 600 A	5	EA	1991
Cable terminations	5 kV	30	EA	1985

TABLE 1
Fixed Inventory
Electric Distribution System Hanscom AFB

Component	Size	Quantity	Unit	Approximate Year of Construction
Family Campground				
Overhead circuit	**AWG**			
3-phase, 4-wire, Conductor, aerial, copper, total conductor length	#4	10,000	SCLF	2002
Transformers	**Nom kVA**			
1-phase, oil-filled, pole-mounted	25	1	EA	2000
	50	3	EA	2000
	75	6	EA	2002
	112.5	1	EA	2002
Fault Indicator				
Fault indicators		73	EA	1999
Utility poles	**Height (ft)**			
Wood poles	35	25	EA	2002
Cable terminators, UG, est. at 1 per phase at riser pole		11	EA	2002
Guys		10	EA	2002
Cross arms	6	41	EA	2002
Lightning arrestors		21	EA	2002
Fused cutouts		27	EA	2002
Driver grounding for utility poles, est. at 1 per pole		25	EA	2002
Street lights	250 W HPS	7	EA	2002
Metering power transformers		2	EA	2002
Metering current transformers		2	EA	2002

Notes:
AWG = American Wire Gauge
CY = cubic yard
EA = each
FT = feet
HPS = high-pressure sodium
LF = linear feet
MVA = megavolt ampere
Nom kVA = nominal kilovolt-amperes
SCLF = single conductor linear feet
SF = square feet

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 Hanscom AFB

Qty	Item	Description	Make/Model	Remarks
There are no spare parts included with the system to be privatized.				

TABLE 3
Specialized Vehicles and Tools
Electric Distribution System Hanscom AFB

Qty	Description	Location	Maker
There are no specialized vehicles or tools included with the system to be privatized.			

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 Hanscom AFB

Qty	Item	Description	Remarks
1	Short Circuit Study		Bldg. 1817
1	Log	Cathodic Protection	Bldg. 1817
1	Contingency Response Plan		Bldg. 1817
1	HAZCOM Folder		Bldg. 1817
1	AFR 3030 through 205-1		Bldg. 1817
1	Log	Lockout Tagout	Bldg. 1817
1	Log	PCB Transformer Removal	Bldg. 1817
1	Policy letters		Bldg. 1817
4	Miscellaneous safety and training		Bldg. 1817
1	Confined Space Program		Bldg. 1817
1	Plan	Spill Prevention & Response Plan	Bldg. 1817
1	Log	Safety	Bldg. 1817
1	Set	Base Comprehensive Plan “Composite Utilities Electric System” (G-Tab)	Hard copy and CD

J1.3 Specific Service Requirements

The service requirements for the Hanscom AFB electric distribution system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the Hanscom 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.

- For all privatized lighting fixtures, operations and maintenance of lighting fixtures includes the purchase and replacement of lighting elements and the removal and disposal of replaced lighting elements.
- All electric meters installed by the Contractor shall include demand registers unless otherwise agreed to by both parties.
- The Contractor shall provide monthly meter reading reports IAW paragraph J1.6. The Contractor shall keep a meter book(s) and record monthly consumption and demand (if applicable) for each meter being read. The Contractor shall coordinate with the Government to determine the format of the meter books to be submitted.
- When new or temporary meters are installed, the Contractor shall include with the meter reading report a separate report identifying the new meters installed during the prior month. The Contractor shall coordinate with the Government to determine the format of the report to be submitted.
- The Contractor shall coordinate any changes to the street lights or security lights that may effect blackout procedures during government operations (C9.8) with the Base Civil Engineer.
- The Contractor shall enter into a Memorandum of Understanding with the Hanscom AFB Fire Department for fire protection and detection system of all facilities included in the purchase of the utility. The MOU shall be completed during the transition period and a copy provided to the Contracting officer.
- The Contractor shall abide by Hanscom AFB fire protection and detection system requirements. The utility system purchased by the Contractor may include facilities. These facilities may or may not include fire protection and detection systems. Where required by federal, state or local regulations, the Contractor shall maintain the fire protection and detection system for all facilities owned and operated by the Contractor. The Contractor shall permit Fire Department personnel access to their facilities to perform fire inspections and emergency response.
- Contractor shall install secondary meters which are compatible with the Hanscom AFB EMCS (Johnson Controls Metasys compatible).
- Use and maintenance of the Fault indication equipment, is at the discretion of the contractor. Hanscom AFB will not be held liable for the functionality of the EMCS system which may affect the remote reading of the fault indication.

J1.4 Current Service Arrangement

Hanscom AFB currently receives power commodity from Transcanada. The transmission and distribution provider is NStar.

Annual electric power consumption at Hanscom AFB is approximately 70.5 million kilowatt-hours (kWh). The peak demand for FY 2003 was approximately 15 million Megawatts, occurring in August.

J1.5 Secondary Metering

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 for all secondary meters IAW Paragraph C.3 and J1.6 below.

TABLE 5
Existing Secondary Meters, Hanscom AFB
Electric Distribution System

Meter Location	Quantity	Meter Description
Building 1065	1	ABB
Building 1102C	2	Emon / 2081600DP Emon / 2081600DP
Building 1103	2	Emon / 208400DP Emon / 208800DP
Building 1105A	1	Emon / 208X1600DP
Building 1106	1	GE / 701X502049/BF
Building 1119	1	Emon / 208200DP
Building 1120	1	Emon / 2081400DP
Building 1122	1	Emon / 2081600DP
Building 1124	1	Emon / 208800DP
Building 1126	1	Emon / 208800DP
Building 1127	2	Emon / 208800DP Emon / 4801600DP
Building 1128	1	Emon / 2081800
Building 1140	1	Emon / 208/800DP
Building 1142	1	Emon / 208800DP
Building 1210	1	Sangamo / Form 6S
Building 1212	1	Emon / 208200DP
Building 1220	1	GE / FM 2S

TABLE 5
Existing Secondary Meters, Hanscom AFB
Electric Distribution System

Meter Location	Quantity	Meter Description
Building 1240	2	Emon / 2081600DP Emon / 208400DP
Building 1302FA	1	GE / 700X567039
Building 1305	1	GE / 700X567036/BL
Building 1306	1	Westinghouse / FM 65
Building 1308	1	Emon / 208/200
Building 1425	1	GE / 700X567031BF
Building 1426	1	Emon / 208800DP
Building 1427	1	Emon / 208400DP
Building 1435	2	GE / 705X011881 GE / 702X025362
Building 1507	1	GE / 702X025360
Building 1508	1	GE / 700X567037BL
Building 1520	2	GE / 702X025360 GE / 702X016343
Building 1521	1	Emon / 2081600DP
Building 1530	1	Emon / 208/800DP
Building 1531	1	GE / 702X016277
Building 1534	2	GE / 702X016277
Building 1538	1	GE / 702X016277
Building 1539	1	Westinghouse / D4B-2FM
Building 1540	1	Emon / 208400DP
Building 1548	1	Emon / 208400DP
Building 1600	3	GE / 700X567037BL GE / 702X025360 GE / 702X016345
Building 1605	1	Emon / 2081400DP
Building 1607	1	GE / 702X025371BF
Building 1608	1	GE / 702X025361
Building 1609	1	Emon
Building 1610	1	Emon / 208/800DP

TABLE 5
Existing Secondary Meters, Hanscom AFB
Electric Distribution System

Meter Location	Quantity	Meter Description
Building 1614	5	Emon / 208/400DP GE / 702X016280 GE / 701X502053 GE / 702X016280 GE / 702X016277
Building 1618	1	Emon / 2081600DP
Building 1630	1	GE / 702X567035BL
Building 1639	1	GE / 721X07112AX
Building 1642	1	Emon / 208/200DP
Building 1700	1	Emon / 208400D
Building 1702	1	GE / 702X016279
Building 1704	2	Emon / 2081600DP Emon / 208800DP
Building 1707	1	Emon / 208/200DP
Building 1714	1	GE / 702X025360
Building 1715	1	ABB / EM5S
Building 1716	2	Westinghouse / 246C708601 Westinghouse / 246C700601
Building 1718	1	Emon / 208400
Building 1722	1	GE / 702016280
Building 1810	1	Emon / 208/400DP
Building 1811	2	GE / 702X016280BE Emon / 208/400DP
Building 1812	1	GE / 702X025361
Building 1825	1	Emon / 2081200DP
Building 1840	1	GE / 702X025361
Building 1900	1	Emon / 480/1600
Building 1999	1	Sangamo
Credit Union	1	Emon / 208800D
Family camp	3	Emon / 208400 Emon / 208200 Emon / 208400
Lincoln School	2	Emon / 2081600DP
Base Pool	2	Emon / 2081600 Emon / 4801600

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 and J1.6 below.

TABLE 6
New Secondary Meters
Electric Distribution System Hanscom AFB

Meter Location	Meter Description
There are no new secondary meters required for the system to be privatized.	

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: 66MSG/CEK
   Address: 120 Grenier Street
   Hanscom AFB, MA 01731-1910

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: 66MSG/CEK
   Address: 120 Grenier Street
   Hanscom AFB, MA 01731-1910

3. 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: 66MSG/CEK
   Address: 120 Grenier Street
   Hanscom AFB, MA 01731-1910

4. 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: 66MSG/CEK
Address: 120 Grenier Street
Hanscom AFB, MA 01731-1910

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.

- There are no energy savings projects associated with the system to be privatized.

J1.8 Service Area

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

J1.9 Off-Installation Sites

No off-installation sites are included in the sale of the Hanscom 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 Hanscom AFB

Location	Description
There are no service connections or disconnections required for the system to be privatized.	

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 Hanscom 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 Hanscom AFB

Project Location	Project Description
There are no government-recognized system deficiencies for the system to be privatized.	