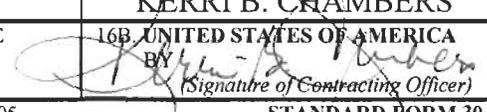


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE K		PAGE 1 OF 49	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. SP0600-04-0554		5. PROJECT NO. (If applicable)
6. ISSUED BY DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J. KINGMAN ROAD, SUITE 4950 FT. BELVOIR, VA 22060-6222 FAX (703) 767-2382 BUYER/SYMBOL: KIMBERLY BINNS/DESC-EA PHONE (703) 767-9652 P.P. 8.2			CODE SP0600		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (NO., street, city, county, State, and ZIP Code)				X	9a. AMENDMENT OF SOLICITATION NO. SP0600-04-R-0036	
					9b. DATED (SEE ITEM 11) 28 October 2004	
					10a. MODIFICATION OF ONTRACT/ORDER NO.	
					10b. DATED (SEE ITEM 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. I2.05 CHANGES-FIXED PRICE (AUG 87)					
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)					
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.01					
	OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)						
See the following page						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME OF CONTRACTING OFFICER KERRI B. CHAMBERS		
15B. NAME OF CONTRACTOR/OFFEROR BY _____ (Signature of person authorized to sign)		15C. DATE SIGNED 30-105	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)		16C. DATE SIGNED 08 July 2004	

A. The purpose of this amendment is to incorporate the following changes into in the subject solicitation:

1. Make the following changes to Section J2 for the privatization of the natural gas distribution system.

- Section J2.1 *Fort Hood Overview*. Revise the 7th and 8th paragraph to read as follows:

“As of 1 December 2003, new construction has been completed on Comanche II Infill (36 units); Kouma 2a, 2b, 2c (224 units); Montague 3 (146 units); and Comanche 3a Infill (80 units). Construction is ongoing in Comanche 4 (326 units) and Kouma 3 (66 units). The approved final construction plans for Montague 4 (80 units) and Comanche 5 (16 units) are expected to be awarded before 30 June 2004.”

“Six units have been demolished and an additional 26 units will be demolished as a part of the Comanche 5 project. The 568 units in Walker Village are expected to be demolished in the 2005-2006 timeframe. An additional 232 future housing units with an undefined amount of new utility infrastructure are expected to be constructed by FHFH in the 2004-2005 timeframe. ”

- Section J2.2.1.1 *System Description*. Under list of “Specifically excluded from the natural gas distribution system privatization”, bullet 1, add “Kouma 3” to list of housing areas.
- Section J2.2.1.2 *Points of Demarcation*. Table 1, *Natural Gas System Points of Demarcation*. Row 3 *Residential housing installed by FHFH...*, Revise as follows:

Point of Demarcation	Applicable Scenario	Sketch
Point of demarcation for utility ownership is where FHFH installed infrastructure connects to the existing natural gas distribution main. <i>Note: Contractor shall provide utility service as defined by the point of demarcation for residential service.</i>	Residential housing installed by FHFH, Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2a&b, Kouma 2c, Kouma 3, Montague 3, and Montague 4.	See Bidder's Technical Library for general representations of points of demarcation separating FHFH installed infrastructure and existing natural gas distribution main.

- Section J2.2.1.2 *Points of Demarcation*. Table 1, *Natural Gas System Points of Demarcation*. Last Row in Table, *Point of Demarcation for the AMR system*, Change to the following:

Point of Demarcation	Applicable Scenario	Sketch
Point of demarcation is where the communication wires attach to the terminals of the the Meter Interface Unit (MIU) device.	AMR system	None

<p><i>Note: Contractor shall own all equipment and communication wires from the meter up to the MIU. The Government or its designated representative shall own the MIU and communication wire to the telephone system. Government-owned MIU devices are typically located adjacent to where the telephone service enters each facility metered.</i></p>		
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- Section J2.2.1.3 *Inventory*, fifth paragraph: Revise as follows: “The components of the natural gas distribution system that are being retained by the government are shown in **Table 2E**. This infrastructure represents the mains, services and appurtenances in Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2 a&b, Kouma 2c, Kouma 3, Montague 3, and Montague 4, and will not be conveyed with the utility system being privatized. **Table 2E** also includes the secondary meters on other housing units being retained by the Government. However, the Contractor shall provide utility services for this infrastructure in accordance with Section C of the service contract and this utility specific J Attachment.”
- Section J2.2.1.3 *Inventory*, Table 2C, *Fixed Inventory, Natural Gas Service Regulators and Valves*: Revise the quantity of meters being sold as follows:

Approximate Year of Construction (quantity is EA)									
Component	Size	1945	1955	1965	1975	1985	1995	2000	Total
Meters, AMR							40	1	41
Meters, Non-AMR						40			40
Meters, Other					25	25			50
Meters Total					23	65	40	1	131

- Section J2.2.1.4 *Inventory*, 5th Table in the section: Correct the table identification to “Table 2E *Fixed Inventory, Government Retained Infrastructure Natural Gas Distribution System, Fort Hood, Texas*”. The Table was previously identified as “Table 2D”.
- Section J2.2.1.4 *Inventory*, Table 2E, *Fixed Inventory, Government Retained Infrastructure Natural Gas Distribution System, Fort Hood, Texas*: Added the following rows below row 47:

NAME	Component	Size	Units	Quantity
KOUMA 3	PE Pipe	0.75 in.	LF	1,819
KOUMA 3	PE Pipe	1 in.	LF	100
KOUMA 3	PE Pipe	2 in.	LF	3,394
KOUMA 3	Regulator	0.75 in.	EA	66
KOUMA 3	Valve, BALL	2 in.	EA	8
KOUMA 3	Meters, AMR	0.75 in.	EA	66

- Section J2.2.1.4 *Inventory*, Table 2E, *Fixed Inventory, Government Retained Infrastructure Natural Gas Distribution System, Fort Hood, Texas*: Add the following inventory line items as the last row in each of the housing villages as listed below:

NAME	Component	Size	Units	Quantity
COMANCHE II INFILL	Valve, plug	0.75 in.	EA	72
COMANCHE 3a	Valve, plug	0.75 in.	EA	160
COMANCHE 4	Valve, plug	0.75 in.	EA	652
COMANCHE 5	Valve, plug	0.75 in.	EA	32
KOUMA 2a&b, 2c	Valve, plug	0.75 in.	EA	448
KOUMA 3	Valve, plug	0.75 in.	EA	132
MONTAGUE 3	Valve, plug	0.75 in.	EA	292
MONTAGUE 4	Valve, plug	0.75 in.	EA	160

- Section J2.2.1.4 *Inventory*, Table 2E, *Fixed Inventory, Government Retained Infrastructure Natural Gas distribution system*: Add the following inventory line items as the last row for Montague 4 village as listed below:

NAME	Component	Size	Units	Quantity
Montague 4	Meters, AMR	0.75 in.	EA	80

- Section J2.2.1.4 *Inventory*, Table 2E, *Fixed Inventory, Government Retained Infrastructure Natural Gas distribution system*: Add the following inventory line items as the last rows in the table as listed below:

NAME	Component	Size	Units	Quantity
Other Housing Meters				
Meters, AMR	Meters installed in 1995		EA	428
Meters, NON-AMR	Meters installed in 1985		EA	7
Meters, Other	Half the meters installed in 1975 and half installed in 1985		EA	37
Meter Total			EA	472

- Section J2.3.1 *Government-retained Utilities Infrastructure*: Revise the section to read as follows:

“Several new family housing projects are currently under construction or will have begun construction by the time this contract is awarded. The FHFH Partnership, may install additional utilities infrastructure from the existing Fort Hood utility systems to the points of demarcation of these newly constructed housing units (see Paragraph J3.2.1.3 Points of Demarcation). The Contractor shall negotiate in good faith with the Contracting Officer to add the maintenance and renewals and replacements of the yet undefined infrastructure associated with all future FHFH housing units to the scope of *Fixed Inventory, Government Retained Infrastructure*, as required by this Contract, at the time the new infrastructure is defined and prior to connection of this infrastructure to the Contractor’s system. ”

“The Contractor shall separately cost services for the infrastructure to be retained by the Government under CLIN AE, *Fixed Monthly Charge for Government Retained Infrastructure*, see Paragraph B.5.5 (Offerors proposing a Tariff under Schedule B-1) or B.6.5 (Offerors proposing under Schedules B-2, B-3 or B-4), and Paragraph C.2.1.2, *Acquisition of Utility Services for Government Retained Infrastructure*.”

- Section J2.3.4 *Supervisory Control and Data Acquisition System* : Add the following as the last sentence to the 1st paragraph: “Contractor shall not use existing phone lines for his SCADA system.”
- Section J2.3.5, 1st sentence: changed “secondary water meters” to “ secondary natural gas meters”.
- Section J2.3.5.1 *Connectivity to the Automated Meter Reading (AMR) System*: 1st paragraph, last 2 sentences: “The Contractor shall provide all labor, equipment, and materials necessary to install, connect, test, and calibrate the meters and the associated communication wires (not to exceed 250 feet) up to the meter interface unit (MIU). DPW will make the final connection between the AMR meters’ communication wires and the MIU as part of Quality Assurance.”
- Section J2.3.5.1 *Connectivity to the Automated Meter Reading (AMR) System*: Add the following paragraph as the second paragraph in the section: “ As required, Contractor shall install AMR capability with all new secondary meters installed. This may include installation of meters in areas currently without telephone service. Contractor shall use his own SCADA system with radio transmission, install separate radio transmission capabilities, or request phone service from Sprint to transmit AMR data. All costs associated with the selected method of data transmission are the responsibility of the Contractor. Contractor’s method of obtaining AMR readings shall be coordinated with the Fort Hood Directorate of Information Management (DOIM). DOIM shall approve all radio frequencies for transmission of data on Fort Hood.”
- Section J2.3.5.2 *Meter Reading*: Add the following as the third sentence to the 1st paragraph: “The Government will review and approve all proposed changes to the electronic format of the data file sent monthly by the Contractor prior to Contracting Officer’s acceptance of the monthly meter reading submittal.”
- Section J2.3 Add new specific Service Requirement J.2.3.10 as follows:

- **“J2.3.10 Cost of Supporting Utilities**

“The Contractor is responsible for all supporting utilities not directly used to operate equipment integral to the system. Supporting utilities are defined as the supply of electricity, natural gas, water, wastewater, diesel, phone service, or other utility used by the system’s emergency generators and the Contractor’s ancillary facilities. Contractor’s ancillary facilities shall include facilities that support administration, personnel, radio & phone dispatch, computers & SCADA “front end”, equipment repair, storage, exterior lights & landscaping not directly illuminating or screening a utility system component, and similar functions. Contractor may request compensation for diesel fuel that was consumed during a loss of primary power. Diesel costs associated with normal testing are the responsibility of the Contractor. The Contractor shall request and sign a Utility Sales Agreement for the purchase of any supporting utilities to be provided by the Government.”

- Section J2.3 Add new specific Service Requirement J.2.3.11 as follows:

“J2.3.11 Utility System Map Updates

Contractor shall provide updated utility system maps and Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE) compatible electronic data formats annually showing the location of Contractor’s utility system on Fort Hood. Maps and the SDSFIE data shall accurately depict the location of all underground and above ground components of the system IAW Section C.5.1.5 *Record Drawings*. Contractor shall indicate changes to the utility system completed since the last update of the electronic submittal. Electronic data submittals shall be compatible with Fort Hood’s existing Geographics Information System (GIS) architecture and be GEO referenced to Fort Hood’s existing GIS coordinate system. Maps shall be marked for reference use only. One hard copy map and two copies of the electronic data shall be submitted as part of the Contractor’s Annual Capital Upgrades and Renewals and Replacements Plan IAW Section C.11.2.4.”

“Throughout the year, the Contractor shall provide current drawings of proposed utility construction to the DPW Office designated by the Contracting Officer to coordinate associated facility construction. The Contractor shall also review and comment upon the installation's facility construction drawings as they relate to electric service by attending the weekly DPW Project Review Board.”

- Section J2.3 Add new specific Service Requirement J2.3.12 as follows:

“J2.3.12 Routine, Urgent, and Emergency Repair Response

Contractor shall provide system repairs to routine, urgent, and emergency service requests, whether issued by the government or the Contractor’s personnel IAW Section C.8 *Repair Response Notification Procedures*.

J2.3.12.1 Emergency Service Request

An emergency condition is one that is detrimental to the mission of Fort Hood, significantly impacts operational effectiveness, or compromises the safety, health, and life of personnel. Such requests shall include, but are not necessarily limited to, electrical outages, downed power lines, water outages, broken water mains, natural gas outages, natural gas leaks, or wastewater main overflows.

The Contractor shall ensure it is able to receive the emergency service requests 24 hours a day, every day IAW Section C.8 *Repair Response Notification Procedures*. Once an emergency request is received, the Contractor shall respond immediately. A representative knowledgeable of the system and the Contractor's *Service Interruption/Contingency Plan* (as required in Section C.7 *Response to Service Interruptions and Contingencies*) shall be on the site of the emergency within 1 hour. Additionally, repair crews appropriately trained to eliminate the condition must respond to the emergency site within 2 hours. Work will be continuous until the emergency condition is eliminated or downgraded and service is restored. All emergencies will be remedied or downgraded to a non-emergency status within 24 hours.

J2.3.12.2 Urgent Service Requests

An urgent condition is not an emergency but significantly hinders performance of Fort Hood's activities and requires elimination of potential fire, health, and safety hazards (for example, environmental controls, non-emergency utility leaks, special requests and events, plumbing problems, downgraded emergency responses, etc.).

Once an urgent request is received, the Contractor shall respond with a representative knowledgeable of the system and the Contractor's *Service Interruption/Contingency Plan* (as required in Section C.7 *Response to Service Interruptions and Contingencies*). The contractor shall be on the site of the request within 24 hours. All urgent requests will be remedied within 5 calendar days.

J2.3.12.3 Routine Service Requests

A routine service request is one that does not pose an immediate threat to public health, safety, or property, or to a mission or operation conducted at Fort Hood. Such requests may include, but are not necessarily limited to requests for new or relocated service connections.

The Contractor is not required to respond to routine service requests outside normal duty hours. The Contractor may respond to routine service requests outside of normal duty hours at its option and with appropriate coordination. Initial response to any routine service request shall be made within 5 calendar days, and completed within 30 calendar days of receiving the request. After initial response, the Contractor shall pursue completion of routine service requests with due diligence."

- Section J2.5 *Secondary Metering*: Revise the 1st paragraph of this section to read as follows:

"Between the point of delivery and the end user points of demarcation, the Contractor shall own the existing meters, with the exception of the meters on Military Family Housing units.

This includes existing secondary meters installed by the Government and FHFH installed meters in Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2 a&b, Kouma 2c, Kouma 3, Montague 3, and Montague 4. Contractor shall install additional meters at new and upgraded locations as directed by the Contracting Officer. Contractor shall install or cause to have installed utility meters as requested by the Contracting Officer to include accessories that will ensure compatibility with the approved data capturing system as approved by the Contracting Officer.”

- Section J2.5.1 *Existing Secondary Metering*: Revise the 1st three paragraphs of this section to read as follows:

“**Tables 6A, 6B and 6C** list the existing (at the time of contract award) meters, with the exception of the meters installed by the FHFH Partnership. **Table 6A** lists existing meters connected to the AMR system, **Table 6B** lists existing meters that are not connected to the AMR system (Non-AMR meters) and **Table 6C** lists other existing meters (meters not connected to the AMR system and not currently being read as non-AMR meters). ”

“The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3, *Metering*, J2.3.5.3, *Meter Reading*, and J2.6, *Monthly Submittals*. The Contractor shall provide monthly meter readings for non-AMR meters that are identified as non-reimbursable (Table 6B) and all other meters (Table 6C). AMR meters (Table 6A) and non-AMR meters that are identified as reimbursable (Table 6B) will be read by the Government. In the event AMR meters, including Government retained meters, are not able to transmit data to the AMR system, the Contractor shall provide meter readings for AMR meters when requested by the Government.”

- Section J2.5.1 *Existing Secondary Metering*: Revise Table 6A as follows:

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
Meters from Table 2C (Contractor Owned)						
AAMC0809(P1_135)	80113140		Equimeter-R275	10	4	
AAMC0809(P2_135)						
AAPG0708(P?_70003)						
AAPX0611						
AAPX0930(P7_50004)	2936900					
AAPZ1333(P0_50008)	80113600					
DECP2002(P7_29005)	5680350					
DECP2004(P?_39043)						
FBOO4003(P7_85006)						
FBOO4004(P7_WFBANK)						
G3SM4201(P7_22027)	2936754					
G3SM4203(P7_7019)	5625272					
G3SM4204(P7_22028)	6117031					

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
G3SM4205(P7_7051)	24227					
G3SM4206(P7_19030)	5291417					
G3SM4207(P0_19031)	8818028					
G3SM4208(P7_19032)	195730					
G3SM4209(P7_22012)	55008833					
G3SM4211(P7_7050_1)	188628					
G3SM4213(P?_22028)	6117031					
MD003112(P0_4905_2)	10858534			100	4	
MDOO3102(P0_33001)	6873841			100	4	
MDOO3104(P7_36014)	106776			1	7	
MDOO3106(P7_33003)	212445				?	
MDOO3108(P0_76022_1)	10856045		Equimeter 415	100	4	
MDOO3110(P0_4902)	10863855			100	4	
MDOO3112(P?_4905_1)	10858534					
MDOO3116(P0_36017)	10858420			100	4	
MDOO3117(P0_36019)	10876167			100	4	
MDOO3121(P7_36001)	6405715			1	7	
MDOO3123(P7_420)	5272652			1	7	
MDOO3124(P0_4222)	10871542			100	4	
MDOO3125(P0_7015)	10895847			100	4	
MDOO3127(P0_90043)	10896958			100	4	
MDOO3131(P0_39033)	10856678			100	4	
MDOO3132(P0-92066_1)	10897570			100	4	
MDOO3133(P0-92066_2)	2000747126			100	4	
MDOO3134P7_9440)	020304				7	
MDOO3143(P0_36000)				120	5	1999
MDOO6150(P0_4441)	10889331			100	4	
MDOO6151(P_36015)	7577849		Equimeter	10	5	2000

Meters from Table 2F (Government Retained)

DEFH0001(P0_51100)	13778583	8565860	Invensys	100	4	
DEFH0002(P0_51105)	13882810	8565998	S/E	100	4	
DEFH0003(P0_51120)	13619521	8565991	S/E	100	4	
DEFH0004(P0_51132)	13892817	8566004	S/E	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH0005(P0_51139)	13896139	8565893	S/E	100	4	
DEFH0007(P0_51149)	13784032	8565852	Invensys	100	4	
DEFH0008(P0_51151)	13892822	8565844	S/E	10	4	
DEFH0011(P0_51212)	13878230	8565854	S/E	100	4	
DEFH0012(P0_51213_1)	13809363	8565855	Invensys	100	4	
DEFH0013(P0_51214)						
DEFH0014(P0_51215)						
DEFH0017(P0_51222)	13896763	8565838	S/E	100	4	
DEFH0032(P0_51341)	13867980	8565849	Inversys	100	4	
DEFH0033(P0_51342)	13886324	8565884	S/E	100	4	
DEFH0034(P0_51223_2)	13874265	8565847	Inversys	100	4	
defh0300(P0_51433)	13881395	8566112	Invensys	100	4	
defh0301(P0_51434_1)	13892317	8566090	Invensys	100	4	
defh0302(P0_51434_8)	13825652	8565891	Invensys	100	4	
defh0304(P0_51436)	13795580					
defh0308(P0_51440_1)	13877772	8565896	Invensys	100	4	
defh0309(P0_51440_3)	13886855	8565850	Invensys	100	4	
defh0310(P0_51440_5)	13883677	8563923	Invensys	100	4	
defh0312(P0_51442_1)	13798060	8566612	Invensys	100	4	
defh0313(P0_51442_7)	13886854	8566095	Invensys	100	4	
defh0314(P0_51446)	13665749	8566110	Invensys	100	4	
defh0315(P0_51447)	13880788	8565879	Invensys	100	4	
defh0316(P0_51453_1)	13882906	8566103	Invensys	100	4	
defh0317(P0_51549_1)	13810144	8565922	Invensys	100	4	
defh0318(P0_51501_1)	13771872	8566102	Invensys	100	4	
defh0319(P0_51501_3)	13892690	8565899	Invensys	100	4	
defh0320(P0_51501_5)	13881388	8565905	Invensys	100	4	
defh0321(P0_51503_1)	13873343	8566097	Invensys	100	4	
defh0323(P0_51505_1)	13884399	8566101	Invensys	100	4	
defh0324(P0_51505_3)	13751199	8566096	Invensys	100	4	
defh0325(P0_51505_5)	13891285	8565888	Invensys	100	4	
defh0326(P0_51506_2)	13884398	8565904	Invensys	100	4	
defh0327(P0_51506_4)	13810145	8565898	Invensys	100	4	
defh0328(P0_51506_6)	13884398	8565895	Invensys	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
defh0330(P0_51541)	13810552	8565912	Invensys	100	4	
defh0333(P0_51549)	13810144					
defh0336(P0_51607_1)	13637757					
defh0337(P0_51608_1)	13795579	8565856	Invensys	100	4	
defh0338(P0_51607_3)	13897794	8565906	Invensys	100	4	
defh0341(P0_51711_1)	13797090	8565875	Invensys	100	4	
defh0346(P0_51733_4)	13753460	8565843	Invensys	100	4	
defh0348(P0_51736_1)	13838224	8565845	Invensys	100	4	
defh0351(P0_51749_1)	13859398	8565917	Invensys	100	4	
defh1400(P0_52022)	13821802	8566002	Invensys	100	4	
defh1407(P0_52107_1)	13629945	8565846	Invensys	100	4	
defh1408(P0_52120_1)	13892378	8565874	Invensys	100	4	
defh1409(P0_52132_1)	13895090	8565876	Invensys	100	4	
defh1411(P0_52123_1)	13836147	8565881	Invensys	100	4	
defh1413(P0_52137_1)	13893521	8565868	Invensys	100	4	
defh1417(P0_52211_1)		5446562	Equimeter	100	4	
defh1418(P0_52212)	13805602	8566144	Invensys	100	4	
defh1419(P0_52213)	13808266	8566060	Invensys	100	4	
defh1420(P0_52214)	13784404	8565918	Invensys	100	4	
defh1421(P0_52215)	13810146	8566029	Invensys	100	4	
defh1422(P0_52221)	13620167	8565863	Invensys	100	4	
defh1423(P0_52305)	13896762	8566006	Invensys	100	4	
defh1424(P0_52310)	13822733	8565986	Invensys	100	4	
defh1425(P0_52316)	13892893	856590	Invensys	100	4	
defh1425(P0_52466)	13883139	856585	Invensys	100	4	
defh1426(P0_52321)	13856830	8565869	Invensys	100	4	
defh1427(P0_52334)	13802053	8565998	Invensys	100	4	
defh1428(P0_52341)	13854075	8565858	Invensys	100	4	
defh1429(P0_52401)	13896566	8565864	Invensys	100	4	
defh1430(P0_52424)	13859397	8565865	Invensys	100	4	
defh1430(P0_52635)	13753459	8565862	Invensys	100	4	
defh1431(P0_52427)	13895088	8565857	Invensys	100	4	
defh1431(P0_52651)	13854788	8565859	Invensys	100	4	
defh1432(P0_52431)	13822492	8565848	Invensys	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
defh1432(P0_52702)	13771878	8565882	Invensys	100	4	
defh1433(P0_52434)	13878231	8565853	Invensys	100	4	
defh1433(P0_52735)	13810149	8565872	Invensys	100	4	
defh1434(P0_52437)	13882820	8565861	Invensys	100	4	
defh1434(P0_52746)	13665135	8565866	Invensys	100	4	
defh1436(P0_52750)	13893526	8565877	Invensys	100	4	
defh1437(P0_52751)	13784887					
defh1438(P0_52752)	13854079					
defh1500(P0_52211_2)				100	4	
DEFH2203(P3_5962)	5446553			100	4	1999
DEFH2204(P3_5886)	5446576			100	4	1999
DEFH2205(P3_5891_1)	5446543			100	4	1999
defh2426(P0_5712_1)	13883817	8565992	Invensys	100	4	
defh2427(P0_5712_2)	DOG					
defh2428(P0_5723_1)	13807950	8565883	Invensys	100	4	
defh2429(P0_5723_2)	13884040	8565880	Invensys	100	4	
defh2430(P0_5724_1)	13879933	8565867	Invensys	100	4	
defh2431(P0_5724_2)	13809355	8565883	Invensys	100	4	
defh2432(P0_5734_1)	13890258	8565997	Invensys	100	4	
defh2433(P0_5734_2)	13896767	8565870	Invensys	100	4	
defh2434(P0_5736_1)	13896824	8565994	Invensys	100	4	
defh2435(P0_5736_2)	13784919	8566000	Invensys	100	4	
defh2436(P0_5773_1)	13895584	8565987	Invensys	100	4	
defh2437(P0_5773_2)	13897111	8565999	Invensys	100	4	
defh2438(P0_5860_1)	13810554	8565940	Invensys	100	4	
defh2439(P0_5860_2)	13809367	8565989	Invensys	100	4	
defh2440(P0_5868_1)	13780374	8565989	Invensys	100	4	
defh2441(P0_5868_2)	13879487	8565902	Invensys	100	4	
defh2442(P0_5897)	13846056					
defh2443(P0_5901)	13896056	8565944	Invensys	100	4	
defh2444(P0_5903)	13886321	8565996	Invensys	100	4	
defh2445(P0_5905)	13886241	8565907	Invensys	100	4	
defh2446(P0_5906)	DOG					
defh2447(P0_5907)	13896565	8565943	Invensys	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
defh2448(P0_5909)	13802054	8565942	Invensys	100	4	
defh2452(P0_5912_2)						
defh2453(P0_5927)	13884977	8565871	Invensys	100	4	
defh2454(P0_5937)	13784422	8565873	Invensys	100	4	
defh2455(P0_5949)	13675453	8565889	Invensys	100	4	
DEFH2500(P0_60100_1)						
DEFH2501(P0_60100_2)	13795582					
DEFH2502(P0_60010_1)	5446540			100	4	1998
DEFH2503(P0_60010_2)	5446566			100	4	1998
DEFH2504(P0_60004_1)	5446549			100	4	1998
DEFH2505(P0_60004_2)	5446560			100	4	1998
DEFH2700(P0_60006_1)	13810485	8565911	Envensys	100	4	
DEFH2700(P0_6791)	54533					
DEFH2701(P0_60006_2)	13870487	8565923	Envensys	100	4	
DEFH2702(P0_60009_1)	13809797	8565903	Envensys	100	4	
DEFH2702(P0_6792)	54595					
DEFH2703(P0_60009_2)	13575073	8565909	Envensys	100	4	
DEFH2703(P0_6793)	55555					
DEFH2704(P0_60033_1)	13810483	8565916	Envensys	100	4	
DEFH2704(P0_6794)	319223					
DEFH2705						
DEFH2705(P0_60033_2)	13810558	8565901	Envensys	100	4	
DEFH2706(P0_60046_1)	13892422	8565939	Envensys	100	4	
DEFH2706(P0_6796)	3697499					
DEFH2707(P0_60046_2)	13884393	8565908	Envensys	100	4	
DEFH2707(P0_6797)	80114936					
DEFH2708(P0_60048_1)	13778219	8565921	Envensys	100	4	
DEFH2708(P0_6798)	4388165					
DEFH2709(P0_60048_2)	13885405	8565945	Envensys	100	4	
DEFH2709(P0_6799)	3314085					
DEFH2710((P0_6826)	179585					
DEFH2710(P0_60062_1)	13856829	8565937	Envensys	100	4	
DEFH2711(P0_60062_2)	13784885	8565932	Envensys	100	4	
DEFH2711(P0_6821)	179589					

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH2712(P0_60073_1)	13675455	8565928	Envensys	100	4	
DEFH2713(P0_60073_2)	13885967	8565938	Envensys	100	4	
DEFH2714(P0_60100_1)	13874868	8565978	Envensys	100	4	
DEFH2715(P0_60101_1)	13075223	8049552	Envensys	100	4	
DEFH2716(P0_60103_1)	13271252	8049533	Envensys	100	4	
DEFH2717(P0_60105_1)	13271607	8049556	Envensys	100	4	
DEFH2718(P0_60107_1)	13443802	8049543	Envensys	100	4	
DEFH2719(P0_60091_1)	13896671	8565929	Envensys	100	4	
DEFH2720(P0_60091_2)	13886323	8565927	Envensys	100	4	
DEFH2721(P0_60093_1)	13749428	8565962	Envensys	100	4	
DEFH2722(P0_60093_2)	13882911	8565930	Envensys	100	4	
DEFH2723(P0_60095_1)	13821921	8565948	Envensys	100	4	
DEFH2724(P0_60095_2)	13633786	8565957	Envensys	100	4	
DEFH2725(P0_60090_1)	13821971	8565941	Envensys	100	4	
DEFH2726(P0_60090_2)	13808237	8565933	Envensys	100	4	
DEFH2727(P0_60092_1)	13861458	8565949	Envensys	100	4	
DEFH2728(P0_60092_2)	13809225	8565950	Envensys	100	4	
DEFH2729(P0_60094_1)	13824554	8565959	Envensys	100	4	
DEFH2730(P0_60094_2)	13895703	8565980	Envensys	100	4	
DEFH2731(P0_60096_1)	13895587	8565979	Envensys	100	4	
DEFH2732(P0_60096_2)	13887248	8565963	Envensys	100	4	
DEFH2733(P0_60107_2)	13097914	5446519	Envensys	100	4	
DEFH2734(P0_60103_2)	13558715	5446499	Envensys	100	4	
DEFH2735(P0_60105_2)	13446361	5446487	Envensys	100	4	
DEFH2736(P0_60101_2)	13530676	5446493	Envensys	100	4	
DEFH2737(P0_60100_2)	13795582	8565961	Envensys	100	4	
DEFH2806E1(P3_6608)	79581			100	4	
DEFH2807E1(P3_6610)	79591			100	4	
DEFH2808E1(P3_6734)	79582			100	4	
DEFH2809(P3_6737)	179592			100	4	
DEFH2901(P3_180_5)						
DEFH2907(P3_51452_1)	692819			100	4	
DEFH2911(P3_51609)	5502574			100	4	
DEFH2912(P3_51764)	688020			100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH2919(P0_6443_1)	80114729					
DEFH2921(P7_6449_1)	319226			100	4	
DEFH2922E1(P0_6809)	319249			100	4	
DEFH2933(P0_178_4)	2262446			10	7	1998
DEFH2935G1(P0_51322_2)				100	4	1998
DEFH2941(P0_51636)	80113760					
DEFH2942(P0_51733_2)	692813			100	4	1998
DEFH2943(P0_51733_6)	5502571			100	4	1998
DEFH2946(P0_5852)	80105726					
DEFH2953(P0_8130)	80114669					
DEFH2957(P0_51550)	80114514					
DEFH2962(P0_8402)	80103721					
DEFH3002(P0_48556_1)	3155384					
DEFH3003(P0_48556_2)	3155393					
DEFH3004(P0_48558_1)	3155385					
DEFH3005(P0_48558_2)	3155392					
DEFH3006(P0_48560_1)	3155394					
DEFH3007(P0_48560_2)						
DEFH3009(P0_48562_2)	3155382					
DEFH3010(P0_48564_1)	3155391					
DEFH3011(P0_48564_2)	3155383					
DEFH3014(P0_48563_1)	3155664					
DEFH3015(P0_48563_2)	3155388					
DEFH3022(P0_6522)	5446577			100	4	1998
DEFH3023(P4_6222)	5446561			100	4	1998
DEFH3024(P4_6450_2)	5446481			100	4	1998
DEFH3025(P4_6447_1)	5446545			100	4	1998
DEFH3026(P4_6447_2)	5446572			100	4	1998
DEFH3027(P4_51224_1)	5502572			100	4	1998
DEFH3028(P4_52134_2)	5446557			100	4	1998
DEFH3029(P4_52207_2)	5446578			100	4	1998
DEFH3030(P4_52205_2)	5446544			100	4	1998
DEFH3031(P4_52211_1)	5446562			100	4	1998
DEFH3032(P4_52210_1)	5446542			100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH3033(P0_5208_1)	13897183	8565935	Envensys	100	4	
defh3033(P0_6608)	N179581		American	1	4	
DEFH3034(P0_5208_2)	13675662	8565947	Envensys	100	4	
defh3034(P0_6610)	N179591		American	1	4	
DEFH3035(P0_5210_1)	13856831	Dogs				
defh3035(P0_6734)	N179582		American	1	4	
DEFH3036(P0_5210_2)	13883823	8565817	Envensys	100	4	
defh3036(P0_6735)	14148223	8726052	Invensys	100	4	
DEFH3037(P0_5212_1)	13802147	8565787	Sensus	100	4	
defh3037(P0_6737)	N179592		American	1	4	
DEFH3038(P0_5212_2)	13887526	8565982	Sensus	100	4	
DEFH3039(P0_5214_1)	13895635	8565791	Envensys	100	4	
defh3039(P0_6813)	14096365	8726103	Invensys	100	4	
DEFH3040(P0_5214_2)	13883636	8565788	Envensys	100	4	
defh3040(P0_6822)	14152491	8726059	Invensys	100	4	
DEFH3041(P0_5216_1)	13856953	8565811	Sensus	100	4	
DEFH3042(P0_5216_2)	13856952	8565793	Sensus	100	4	
defh3042(P0_6831)	14136196	8726106	Invensys	100	4	
DEFH3043(P0_5218_1)	13836148	Dogs				
defh3043(P0_6851)	1406474	8726096	Invensys	100	4	
DEFH3044(P0_5218_2)	13833334	8565821	Sensus	100	4	
DEFH3045(P0_5220_1)	13882811	8565981	Envensys	100	4	
DEFH3046(P0_5220_2)	13878226	856505?	Envensys	100	4	
DEFH3047(P0_5222_1)	13888806	8565966	Envensys	100	4	
DEFH3048(P0_5222_2)	13886322	8565789	Envensys	100	4	
DEFH3049(P0_5224_1)	????	Dogs				
DEFH3050(P4_175_8)	5446574			100	4	1998
DEFH3051(P0_5224_2)	13809228	8565794	Sensus	100	4	
DEFH3052(P0_5226_1)	13897791	8565790	Sensus	100	4	
DEFH3053(P0_5226_2)	13896380	8565967	Envensys	100	4	
DEFH3054(P0_5258_1)		5446565	Equimeter	1000	4	
DEFH3055(P0_5258_2)		5446573	Equimeter	1	4	
DEFH3056(P0_5313_1)	13876097	8565984	Envensys	100	4	
DEFH3057(P0_5313_2)	13809231	8565954	Envensys	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH3058(P0_5318_1)	13771874	8565958	Envensys	100	4	
DEFH3059(P0_5318_2)	13822488	8565956	Envensys	100	4	
DEFH3060(P0_5320_1)	13867571	8565985	Envensys	100	4	
DEFH3061(P0_5320_2)	13885406	8565983	Envensys	100	4	
DEFH3062(P0_5465_1)	13575615	8565970	S/E	100	4	
DEFH3063(P0_5465_2)	1387777	8565976	S/E	100	4	
DEFH3064(P0_5512_1)	13883821	8565900	S/E	100	4	
DEFH3065(P0_5512_2)	13809364	8565801	Envensys	100	4	
DEFH3066(P0_5515_1)	13837331	8565974	S/E	100	4	
DEFH3067(P0_5515_2)	13809363	8565952	Envensys	100	4	
DEFH3068(P0_5544_1)	13807622	8565955	Envensys	100	4	
DEFH3069(P0_5544_2)	13855628	8565973	Envensys	100	4	
DEFH3070(P0_5546_1)	13804389	8565969	Envensys	100	4	
DEFH3071(P0_5546_2)	13838225	8565946	Envensys	100	4	
DEFH3072(P0_5559_1)	13874113	8565968	Envensys	100	4	
DEFH3072(P0_5559_2)	13866622	8565977	Envensys	100	4	
DEFH3073(P0_5568_1)	13882907	8565965	Envensys	100	4	
DEFH3074(P0_5568_2)	13809672	8565931	Envensys	100	4	
DEFH3075(P0_5607_1)	13896660	8565975	Envensys	100	4	
DEFH3076(P0_5607_2)	13808006	8565951	Envensys	100	4	
DEFH3077(P0_5641_1)	13854474	8565964	Envensys	100	4	
DEFH3078(P0_5641_2)	13810218	8565953	Envensys	100	4	
DEFH3079(P0_5642_1)	13830205	8565934	Envensys	10	4	
DEFH3080(P0_5642_2)	13833335		Envensys	10	4	
DEFH3081(P0_5658_1)		5446571	Equimeter	1	4	
DEFH3200(P0_48501_1)	13854079	8565831	S/E	100	4	
DEFH3201(P0_48501_2)	13878487	8565828	S/E	100	4	
DEFH3202(P0_48509_1)	13897795	8565835	Invensys	100	4	
DEFH3203(P0_48509_2)	13866620	8565840	Invensys	100	4	
DEFH3204(P0_48521_1)	13884046	8565841	Invensys	100	4	
DEFH3205(P0_48521_2)	13888883	8565833	Invensys	100	4	
DEFH3206(P0_48543_1)	13866619	8565842	S/E	100	4	
DEFH3207(P0_48543_2)	13821972	8565837	S/E	100	4	
DEFH3208(P0_48557_1)	13620161	8565836	S/E	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH3209(P0_48557_2)	13808001	8565832	S/E	100	4	
DEFH3210(P0_48559_1)	13743632	8566016	Invensys	100	4	
DEFH3211(P0_48559_2)	13822491	8565827	Invensys	100	4	
DEFH3212(P0_48560_1)	3155394		Equimeter	100	4	
DEFH3213(P0_48560_2)	13879485					
DEFH3214(P0_48561_1)	13879585	8566018	S/E	100	4	
DEFH3215(P0_48561_2)	13802149	8565839	S/E	100	4	
DEFH3216(P0_48562_2)	13896765	8565826	S/E	100	4	
DEFH3217(P0_48565_1)	13797092	8566012	Invensys	100	4	
DEFH3218(P0_48565_2)	13884041	8565834	Invensys	100	4	
DEFH3222(P0_48582)	13866618					
DEFH3223(P0_48596)	13820762					
DEFH3224(P0_48614_1)	13820762	8565886	S/E	100	4	
DEFH3225(P0_48614_2)	13866618	8566104	S/E	100	4	
DEFH3226(P0_48619)	13649911					
DEFH3227(P0_48632_1)	13649911	8565887	Invensys	100	4	
DEFH3228(P0_48632_2)	13836325	8566123	Invensys	100	4	
DEFH3229(P0_48653_1)	13858811	8565914	Invensys	100	4	
DEFH3230(P0_48653_2)	13884980	13798573	Invensys	100	4	
DEFH3231(P0_48661_1)	13825654					
DEFH3232(P0_48661_2)	13825654					
DEFH3233(P0_48704_1)	13825654	8566139	S/E	100	4	
DEFH3234(P0_48704_2)	13888823	8566142	S/E	100	4	
DEFH3235(P0_48707_1)	13878229	8565098	Invensys	100	4	
DEFH3236(P0_48707_2)	13859399	8565892	Invensys	100	4	
DEFH3300(P4_8144)	5446569			100	4	1998
DEFH3301(P4_8145)	5446579			100	4	1998
DEFH3302(P4_8415_1)	5446552			100	4	1998
DEFH3303(P4_8415_2)	5446563			100	4	1998
defh3508(P0_8121)	13879934	8565824	Invensys	100	4	
defh3511(P0_8146)	13825653	8565971	Invensys	100	4	
defh3512(P0_8148)	13892895	8565797	Invensys	100	4	
defh3513(P0_8151)	13860296	8565804	Invensys	100	4	
defh3514(P0_8201)	13779115	8565796	Invensys	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
defh3515(P0_8102_1)	13895633	8565808	Invensys	100	4	
defh3516(P0_8102_2)	13674278	8565799	Invensys	100	4	
defh3517(P0_8102_3)	13674278					
defh3521(P0_8128_1)	13834527	8565795	Invensys	100	4	
defh3522(P0_8128_2)	13854566	8565792	Invensys	100	4	
defh3524(P0_8137_1)	13810009	8565820	Invensys	100	4	
defh3525(P0_8137_2)	13825273	8565812	Invensys	100	4	
defh3537(P0_8206)	13575520	8565809	Invensys	100	4	
defh3538(P0_8260)	13874268	8565800	Invensys	100	4	
defh3539(P0_8262)	13779526	8565786	Invensys	100	4	
DEFH3540(P0_8102_1)						
DEFH4109(P0_6222)	5446561					
DEFH4110(P0_6447_1)	5446545					
DEFH4111(P0_6447_2)	5446572					
DEFH4112(P0_6449_1)	319226					
DEFH4112(P0_6449_1)	5446481					
DEFH4114(P0_6522)	80113605					
DEFH4115(P0_6540_1)						
DEFH4116(P0_6540_1)						
DEFH4117(P0_6541_1)						
DEFH4118(P0_6541_2)						
DEFH4119(P0_6542)						
DEFH4120(P0_6544_1)						
DEFH4121(P0_6544_1)						
DEFH4122(P0_6553)						
DEFH4123(P0_6560)						
DEFH4124(P0_6565)						
DEFH4126(P0_6566_2)						
DEFH4127(P0_6570_1)						
DEFH4128(P0_6570_2)						
DEFH4500(P3_5258_1)	5446565			100	4	
DEFH4501(P3_5258_2)	5446573			100	4	
DEFH4502(P3_5658_1)	5446571			100	4	
DEFH4503(P3_5658_2)	5446564			100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH4504(P0_6443-1)	14086512	9106423	Equimeter	100	4	2002
DEFH4506(P0_6012)	14077571	9106418	Equimeter	100	4	2002
DEFH4507(P0_6013)	14175276	9106420	Equimeter	100	4	2002
DEFH4508(P0_6016)	14169441	9106413	Equimeter	100	4	2002
DEFH4509(P0_6017)	14166741	9106424	Equimeter	100	4	2002
DEFH4510(P0_6020)	14077803	9106417	Equimeter	100	4	2002
DEFH4511(P0_6021)	14176952	9106414	Equimeter	100	4	2002
DEFH4512(P0_6024)	14087105	9106425	Equimeter	100	4	2002
DEFH4513(P0_6025)	14081258	9160419	Equimeter	100	4	2002
DEFH4514(P0_6028)	14081142	9106415	Equimeter	100	4	2002
DEFH45159(P0_6282)	14081207	9106422	Equimeter	100	4	2002
DEFH4516(P0_6283)	14080244	9106412	Equimeter	100	4	2002
defh5500(P0_150_1)	13874869	8566083	Invensys	100	4	
defh5501(P0_150_8)	13784880	8566081	Invensys	100	4	
defh5504(P0_160_1)	13888887	8566057	Invensys	100	4	
defh5505(P0_160_8)	13809679	8566073	Invensys	100	4	
defh5506(P0_164_1)	13834576	8566071	Invensys	100	4	
defh5507(P0_164_8)	13809795	8566072	Invensys	100	4	
defh5508(P0_165_1)	13798604	8566084	Invensys	100	4	
defh5509(P0_165_8)	13667047	8566076	Invensys	100	4	
defh5510(P0_166_1)	13883820	8566100	Invensys	100	4	
defh5511(P0_166_8)	13886233	8566033	Invensys	100	4	
defh5512(P0_167_1)	13809227	8566044	Invensys	100	4	
defh5513(P0_167_8)	13784882	8566058	Invensys	100	4	
defh5514(P0_168_1)	13886713	8566092	Invensys	100	4	
defh5515(P0_168_8)	13888548	8566114	Invensys	100	4	
defh5523(P0_183_1)	13809360	8566028	Invensys	100	4	
defh5524(P0_183_8)	13637756	8566027	Invensys	100	4	
defh5525(P0_184_1)	13821970	8566026	Invensys	100	4	
defh5526(P0_184_8)	13807951	8566086	Invensys	100	4	
DEFH5700(P3_83001_1)		5446541	Equimeter	100	4	
DEFH5701(P0_83001_2)		5446568	Equimeter	100	4	
DEFH5702(P3_83007_2)	5446570			100	4	
DEFH5703(P0_83008_2)	5446575			100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH5704(P3_82206_2)	5446483			100	4	
DEFH5705(P0_84138_1)	80113539		Equimeter	100	4	
DEFH5706(P0_84138_2)	80113924		Equimeter	100	4	
DEFH5707(P0_84139_1)	80113722		Equimeter	100	4	
DEFH5708(P0_84139_2)	80113721		Equimeter	100	4	
DEFH5709(P0_84140)	80114211		Equimeter	100	4	
DEFH5710(P0_84141_1)	80113724		Equimeter	100	4	
DEFH5711(P0_84141_2)	80114823		Equimeter	100	4	
DEFH5712(P0_84142_1)	80114210		Equimeter	100	4	
DEFH5713(P0_84142_2)	80113834		Equimeter	100	4	
DEFH5714(P0_84143)	80113926		Equimeter	100	4	
defh5800(P0_71007)	13753379	8566145	Invensys	100	4	
defh5801(P0_71014)	13575527	8566143	Invensys	100		
defh5802(P0_72013_1)	13619520	8566010	Invensys	100	4	
defh5803(P0_72013_2)	13896543	8566021	Invensys	100	4	
defh5804(P0_76006)	13801509	8566023	Invensys	100	4	
defh5805(P0_76008)	13920767	8566014	Invensys	100	4	
defh5806(P0_76014)	13886543	8566025	Invensys	100		
defh5807(P0_77006)	13821969	8566006	Invensys	100	4	
defh5808(P0_77009_1)	13809229	8566038	Invensys	100	4	
defh5809(P0_77009_2)	13798572	8566039	Invensys	100	4	
defh5810(P0_77010_1)	13808206	8566019	Invensys	100	4	
defh5811(P0_77010_2)	13779127					
defh5812(P0_77018_1)	13884978	8566032	Invensys	100	4	
defh5813(P0_77018_2)	13834577	8566033	Invensys	100	4	
defh5814(P0_80004_1)	13728349	8566078	Invensys	100	4	
defh5815(P0_80004_2)	13808113	8566007	Invensys	100	4	
defh5816(P0_80010_1)	13800008	8566020	Invensys	100	4	
defh5817(P0_80010_2)	13620164	8566024	Invensys	100	4	
defh5818(P0_81007_1)	13892818	8566013	Invensys	100	4	
defh5819(P0_81007_2)	13883818	8565828	Invensys	100	4	
defh5820(P0_81008_1)	13821968	8566008	Invensys	100	4	
defh5821(P0_81008_2)	13890854	8566009	Invensys	100	4	
defh5822(P0_81009_1)	13820760	8566015	Invensys	100	4	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
defh5823(P0_81009_2)	13886232					
defh5824(P0_81010_1)	13887251	8566041	Invensys	100	4	
defh5825(P0_81010_2)	13809798	8566036	Invensys	100	4	
defh5828(P_84215_1)	13883284	8566056	Invensys	100	4	
defh5829(P0_84215_2)	13836149	8566046	Invensys	100	4	
defh5830(P0_84236_1)	13886536	8566052	Invensys	100	4	
defh5831(P0_84236_2)	13882909	8566062	Invensys	100	4	
defh5832(P0_84241_1)	13854737	8566061	Invensys	100	4	
defh5833(P0_84241_2)	13802978	8566063	Invensys	100	4	
defh5834(P0_84110_2)	13808238	8566105	Invensys	100	4	
defh5835(P0_84121)	13809799					
defh5836(P0_84125)	13878407					
defh5837(P0_84131)	13892816	8566037	Invensys	100	4	
defh5838(P0_84249)	13808207					
defh5839(P0_84250_2)	13897792					
defh5840(P0_84251_2)	13810482	8566045	Invensys	100	4	

- Section J2.5.1 *Existing Secondary Metering*: Revise Table 6B as follows:

BLDG_NO	UID	OWNER	ADDRESS	REIMBURSEABLE (Y/N)
Meters from Table 2C (Contractor Owned)				
335	AABK0202G1	AAFES Burger King	31st and HQ Ave	YES
224	AAPG0707G1	AAFES Gas Sta, Main	42nd and HQ Ave	YES
4261	AAPM1012G1	AAFES Maint Off	79th and Santa Fe	YES
4262	AAPM1013G1	AAFES Maint Off	79th and Santa Fe	YES
50006	AAPS1223G1	AAFES Package Store	Clear Creek	YES
33012	AAPX0910G1	AAFES 1CD	73rd and Battalion	YES
70001	AAPX0921G1	AAFES Montague PX	Base Rd, Montague	YES
9401	AAPX0948G1	AAFES 2AD	20th and Bn Ave	YES
1002	AAPZ1327G1	AAFES Shoppette	Hood Rd & HQ Ave	YES
8314	AAPZ1331G1	AAFES Launderette	Martin & Central Dr	YES
85001	AAPZ1332G1	AAFES Shoppette	Martin & Central Dr	YES
70012	AAPZ1335G1	AAFES Shoppette	West Ft Hood	YES

BLDG_NO	UID	OWNER	ADDRESS	REIMBURSEABLE (Y/N)
33010	AROO0101G1	Army Res Reg Trng Ct	Support Ave & 72nd	YES
85020	DCOO2201G1	Commissary	10th St & Warrior Way	YES
76022adj	DEMT2462G1	DEH-Hsg (Montague Gas)	S. dirt rd, Montague	NO
76022adj	DEMT2462G2	DEH-Hsg (Montague Gas New	S. dirt rd, Montague	NO
130adj	DEMT2463G1	DEH-Hsg (Kouma Gas)	Clear Creek	NO
52381	DPCC3507G1	DPCA-Clear creek GC	s side of bldg	YES
113	DPCH1501G1	DPCA-Child Care Ctr	Hood Rd & T-D Blvd	YES
50012	DPCC3624G1	DPCA-Comm Ctr (CC)	Clear creek rd	YES
72002	DPGS0101G1	DPCA-Girl Scout Bldg	Austin Ave(Montague)	YES
4930	DPRC0601G1	DPCA-Rental Center	Clear creek rd	YES
49010	DPWL2305G1	DPCA Warrior Lanes	BLDG 49010	YES
90089adj	FIOT0502G1	Force Integration	Mohawk Rd	YES
322	FUOO4001G1	FH Mil Credit Union	37th and HQ Ave	YES
330	HLDC0601G1	AAFES D. Clinic 2AD	(35th) and HQ Ave	YES
194	ICNS3809G1	DPCA-Main NCO Club	37th and HQ Ave	YES
70005	ICNW3816G1	DPCA-WFH NCO Club	Base Road, Montague	YES
5764	ICOS3810G1	DPCA-Main Off Club	24th and T-D Ave	YES
9212	ICPI3811G1	DPCA-Patton Inn	20th and Central Ave	YES
42000	ICSD3814G1	DPCA-Sports Dome	75th and Bn Ave	YES
2250	MDOO6104G1	Meddac	HQ Ave	YES
2255	MDOO6152G1	Meddac	HQ and Support Ave	YES
33011	MLPO0226G1	AAFES Popeye's Chick	73rd and Battalion	YES
111	PHPH3001G1	DEH-Hsg (Poxon Hse)	Hood Rd	YES
1937	RGRG3812G1	DPCA-Rod & Gun Club	53rd and North Ave	YES
4313	RIOO0102G1	RCI, Compound		NO
4321	RIOO0104G1	RCI, Compound		NO
332	USOO0101G1	Post Office	(35th) and HQ Ave	YES
225	WGOT0301G1	AAFES Car Wash, Main	42nd and HQ Ave	YES

Meters from Table 2F (Government Retained)

6603	DEFH2801G1	DEH-Hsg (SOQ)	Todd ST (Patton)	NO
6604	DEFH2802G1	DEH-Hsg (SOQ)	Todd ST (Patton)	NO
6605	DEFH2803G1	DEH-Hsg (SOQ)	Todd ST (Patton)	NO

BLDG_NO	UID	OWNER	ADDRESS	REIMBURSEABLE (Y/N)
6606	DEFH2804G1	DEH-Hsg (SOQ)	Todd ST (Patton)	NO
6607	DEFH2805G1	DEH-Hsg (SOQ)	Todd ST (Patton)	NO
60062	DEFH2948G1	DEH-Hsg (typ gas)	Hammer Spur(Venable)	NO
51537-3	DEFH2955G1	DEH-Hsg (typ gas)	Coushatta St (Com 2)	NO

- Section J2.5.1 *Existing Secondary Metering*: Revise Table 6C as follows:

BLDG. NO.	UID #	OWNER	ADDRESS	LOCATION	MULT
Meters from Table 2C (Contractor Owned)					
10006	1118559	2+2 Barracks	27th and central ave	E of basement	1
10007	1120854	2+2 Barracks	27th and central ave	w of mech rm	1
56608	1240937	49th Armored dive	US Hwy 36	south side	100
213	W44399	AAFES Admin	42nd and HQ Ave	east side	100
49020	17509	AAFES Central Kitchen	80th and Santa Fe	se corner	1
401	453480	AAFES Classroom	31st and Bn Ave	southwest corner	100
70003		AAFES Gas Sta, WFH	Base Road, Montague	east side	100
135	319239	AAFES Mil Clth/Fd Ct	Hood Rd and HQ Ave	se corner	10
135	216284	AAFES Mil Clth/Fd Ct	Hood Rd and HQ Ave	ne corner	1
2319		AAFES Pastry Shop	56th and Bn Ave	north side	100
136	46556	AAFES PX Concession	Hood Rd and HQ Ave	sw corner	1
14008		AAFES PX Snack Bar	40th and Bn Ave	southeast corner	1
314	119075	AAFES PX w/MCC	37th and Bn Ave	southwest corner	100
50004	6585	AAFES PX, Main	Clear Creek	sw corner	1
5488	117215	AAFES Shoppette	Hoover Rd, Pershing	northwest corner	100
50110	894527	AAFES Shoppette, CC	Clear Crk & Santa Fe	west side breezeway	1
9410	24623	AAFES Snack Bar	19th and Bn Ave	southeast corner	1
7011	182516	AAFES Snack Bar	HAAF	se corner	1
24007	147088	AAFES Snack Bar/MCC	58th and Bn Ave	east side	100
50001	187190035	Commissary	Clear Crk & Cove Rd	w side, n of mech rm	100
36000	907783	Darnall Hospital	Wratten Drive	n side, e of mech rm	1000
36000	4117984	Darnall Hospital	Wratten Drive	n side, e of mech rm	10
36014	6776	Dentac-Dental Clinic	Wratten Drive	S side by cooling tower	1
6606adj		DPCA Youth Ctr	Patton Dr & T-D Ave		1
9001	163004	DPCA-Albee lanes	20th and Central Dr.	n svc drive, ne cmnr	1

BLDG. NO.	UID #	OWNER	ADDRESS	LOCATION	MULT
5794	215827	DPCA-Anderson GC	Wainwrt Dr & T-D Ave	west side breezeway	1
2804	3404948	DPCA-Bowlers Green	62nd and HQ Ave	southeast corner	100
2804	3404954	DPCA-Bowlers Green	62nd and HQ Ave	north side	100
3203	45499225	DPCA-Car Wash, Saber	72nd & HQ Ave	east side	100
70000	1684918	DPCA-Com Ctr Mont	Clark Rd		100
52019adj	1374682	DPCA-Comanche Pool	Copperas Cove Rd	west side	100
9212	459390	DPCA-Patton Inn	20th and Central Ave	east side	100
2241	516923	DPCA-Sunburst Inn	58th & Support Ave	west side	100
76020	1185144	DPCA-WFH O'Club	Crockett (Montague)	west side by ac	100
70004	1684920	DPCA-WFH RV Park	Clark Rd	west side	100
56616	350891	DRC-NFH			10
10016	1594980	GUYCO	Central Dr & 24th	W side of bldg	1
10018	1674288	GUYCO	24th & Central Dr	W. side of bldg.	1
10020	1674289	GUYCO	25th & Central Dr	N. side of mech rm	1
10021	1674290	GUYCO	25th & Central Dr	N. side of mech rm	1
33003	212445	ICD Troop Med Clinic	Bn/75th	SW corner	1
5488adj	1118352	JK Richardson	Hoover Rd, Pershing	north side	1
91026adj	1164861	JT Construction	Gray Drive/Station	north side	100
4658adj	1120796	MEDDAC	70th & Railhead	w fence, incinerator	100
76022	1684921	MEDDAC -Preventive Med	south side		100
4221	4113030	Post Laundry	78th and T-D Blvd	w side, turbine mtr	1000
4221	1120493	Post Laundry	78th and T-D Blvd	sw corner	1
	6047967	Texas Na Guard MATES	s of loading dock	se corner of bldg	1
	53614	Texas Na Guard MATES	s of loading dock	turbine gas meter	1000
90053	403597	Wimsco, Inc	Gray Drive	e side of bldg	100

Meters from Table 2F (Government Retained)

6794	319223	DEH-HSG (GOQ)	GOQ Circle, Patton	inside porch, cabinet	10
6798	4388165	DEH-HSG (GOQ)	GOQ Circle, Patton	south side	100
6793		DEH-HSG (GOQ)	GOQ Circle, Patton		100
6791	54533	DEH-HSG (GOQ)	GOQ Circle, Patton		100
6792	44595	DEH-HSG (GOQ)	GOQ Circle, Patton		100
6795	79590	DEH-HSG (GOQ)	GOQ Circle, Patton		100
6826	79585	DEH-HSG (GOQ)	Coleman Rd (Patton)		100

BLDG. NO.	UID #	OWNER	ADDRESS	LOCATION	MULT
6821	79589	DEH-HSG (GOQ)	Coleman Rd (Patton)		100
6608	79581	DEH-HSG (SOQ)	Todd St (Patton)		100
6610	79591	DEH-HSG (SOQ)	Todd St (Patton)		100
6734	79582	DEH-HSG (SOQ)	Rose St (Patton)		100
6735	79593	DEH-HSG (SOQ)	Rose St (Patton)		100
6737	79592	DEH-HSG (SOQ)	Rose St (Patton)		100
6753	79577	DEH-HSG (SOQ)	Marshall St (Patton)		100
76014	79583	DEH-Hsg (SOQ)	Crockett (Montague)		100
76006	79596	DEH-Hsg (SOQ)	Crockett (Montague)		100
76008	79578	DEH-Hsg (SOQ)	Crockett (Montague)		100
6809	319249	DEH-HSG (typ gas)	24th & Rose (Patton)	ne corner	10
8130-2	2101354	DEH-HSG (typ gas)	Central Dr (Walker)		100
6001	2101356	DEH-Hsg (typ gas)	Minue Rd (Chaffee)	north side	100
178-4	103640	DEH-Hsg (typ gas)	T-D Ave (McNair)	north side	1
180-5	103641	DEH-Hsg (typ gas)	T-D Ave (McNair)	north side	1
6443-1	319234	DEH-Hsg (typ gas)	32nd St (Chaffee)	behind carpt strg rm	10
6449-1	319226	DEH-Hsg (typ gas)	31st St (Chaffee)	behind carpt strg rm	10
5852	210355	DEH-Hsg (typ gas)	24th & Dupas (Wainwr)	south side	100
60100	319241	DEH-Hsg (type gas)	Wainscott (Venable)	north side	10
60062	319233	DEH-Hsg (type gas)	Hammer Spur (Venable)	east side	10
5658	319225	DEH-Hsg (type gas)	Hoover Rd (Pershing)	s side of carport	10
5669	319242	DEH-Hsg (type gas)	Hoover Rd (Pershing)	s side of carport	10
51609-1	692816	DEH-Hsg (type gas)	Zuni Circle (Com 2)	by front door	100
51636-7	692814	DEH-Hsg (type gas)	Karankawa Cir (Com 2)	by front door	100
51733-2	692813	DEH-Hsg (type gas)	Karankawa Cir (Com 2)	by front door	100
51764-1	688020	DEH-Hsg (type gas)	Karankawa Cir (Com 2)	by front door	100
51452-1	692819	DEH-Hsg (type gas)	Coushatta St (Com 2)	by front door	100
51544-1	692818	DEH-Hsg (type gas)	Coushatta St (Com 2)	by front door	100
51550	692815	DEH-Hsg (type gas)	Coushatta St (Com 2)	center of duplex	100
51322adj	102042	DEH-Hsg (type gas)	Yuma Ct (Comanche 1)	west side	1

- Section J2.6 *Monthly Submittals*: Revise the Meter Reading Report to read as follows:

“The monthly meter reading report shall show the current and previous month’s readings for all identified secondary meters read that month by the Contractor. Meter reading reports

shall be submitted in electronic format (Microsoft Excel format, compatible with the most current version of Microsoft Excel being used by Fort Hood) and shall be compatible with Fort Hood's existing billing software program (Dbase). The proposed meter reading report format shall be coordinated with the DPW representative prior to submittal to Contracting Officer for final approval. The Government will provide its monthly list of Required Manual Reads from Failed AMR by the 25th of the month. Manually read meters shall be read during last 5 working days of month. Those Meter reading reports shall be submitted by the 1st of each month for the previous month. Meter reading reports shall be submitted to:"

2. Make the following changes to Section J3 for the privatization of the Water distribution system.

- Section J3.1 *Fort Hood Overview*. Revise the 7th and 8th paragraph to read as follows:

“As of 1 December 2003, new construction has been completed on Comanche II Infill (36 units); Kouma 2a, 2b, 2c (224 units); Montague 3 (146 units); and Comanche 3a Infill (80 units). Construction is ongoing in Comanche 4 (326 units) and Kouma 3 (66 units). The approved final construction plans for Montague 4 (80 units) and Comanche 5 (16 units) are expected to be awarded before 30 June 2004.”

“Six units have been demolished and an additional 26 units will be demolished as a part of the Comanche 5 project. The 568 units in Walker Village are expected to be demolished in the 2005-2006 timeframe. An additional 232 future housing units with an undefined amount of new utility infrastructure are expected to be constructed by FHFH in the 2004-2005 timeframe.”
- Section J3.2.1.1 System Description. Under list of “Specifically excluded from the water distribution system privatization”, bullet 7, add “Kouma 3” to housing areas.
- Section J3.2.1.1.1 *Main Cantonment Area and West Fort Hood*, added 6th paragraph:

“Metroplex Hospital has an emergency water supply line connected to the Fort Hood Distribution System. The connection point for the hospital is located in a concrete vault on the west side of Clear Creek Avenue (south of Hwy 190), opposite the entrance onto Johnson Drive. The emergency supply to the hospital is a manually operated valve that is normally closed, as water can flow in both directions. When Metroplex Hospital requires use of this emergency water supply from Fort Hood, the valve on the line supplying water from the Fort Hood system must be manually opened and the valve from West Bell Water Supply Corporation, the primary supplier to the hospital, must be manually closed to prevent water from entering the Fort Hood system. The point of demarcation is the downstream side of the first valve upstream of the meter on the metered line and the downstream side of the first valve on the bypass loop.”
- Section J3.2.1.2 *Points of Demarcation*. Table 1, *Water Distribution System Points of Demarcation*. Add Point of Demarcation for Metroplex Hospital following the Point of Demarcation for Killeen Independent Schools located on Post as follows:

Point of Demarcation	Applicable Scenario	Sketch
The point of demarcation is the downstream side of the first valve upstream of the meter on the metered line and the downstream side of the first valve on the bypass loop.	Metroplex Hospital	None

- Section J3.2.1.2 *Points of Demarcation*. Table 1, *Water Distribution System Points of Demarcation*. Rows 25 Residential housing installed by FHFH..., Revise as follows:

Point of Demarcation	Applicable Scenario	Sketch
Point of demarcation for utility ownership is where FHFH installed infrastructure connects to the existing water distribution main. <i>Note: Contractor shall provide utility service as defined by the point of demarcation for residential housing installed by FHFH.</i>	Residential housing installed by FHFH, Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2a&b, Kouma 2c, Kouma 3, Montague 3, and Montague 4.	See the Bidder's Technical Library for general representations of points of demarcation separating FHFH installed infrastructure and existing water distribution main.

- Section J3.2.1.2 *Points of Demarcation*. Table 1, *Water Distribution System Points of Demarcation*. Rows 25 Add "Kouma 3" to list of "Residential housing installed by FHFH."
- Section J3.2.1.2 *Points of Demarcation*. Table 1, *Water Distribution System Points of Demarcation*. Row 26, *Point of Demarcation for the AMR system*, Change to the following:

Point of Demarcation	Applicable Scenario	Sketch
Point of demarcation is where the communication wires attach to the terminals of the the Meter Interface Unit (MIU) device. <i>Note: Contractor shall own all equipment and communication wires from the meter up to the MIU. The Government or its designated representative shall own the MIU and communication wire to the telephone system. Government-owned MIU devices are typically located adjacent to where the telephone service enters each facility metered.</i>	AMR system	None

- Section J3.2.1.3 *Inventory*, third paragraph: Revise as follows: "The components of the water distribution system that are being retained by the government are shown in **Table 2F**. This infrastructure represents the mains, services and appurtenances in Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2 a&b, Kouma 2c, Kouma 3, Montague 3,

and Montague 4, and will not be conveyed with the utility system being privatized. **Table 2F** also includes the secondary meters on other housing units being retained by the Government. However, the Contractor shall provide utility services for this infrastructure in accordance with Section C of the service contract and this utility specific J Attachment.”

- Section J3.2.1.3 *Inventory, Table 2C, Fixed Inventory, Water Distribution System Pump Stations*: Add the following two system components for Pump Station 6898: “ 1 pump @ 300 Hp (emergency backup system), mechanical, 300, Hp, 1992”; and “Generator (emergency backup system), mechanical, 7, kW, 1992”.
- Section J3.2.1.3 *Inventory, Table 2C, Fixed Inventory, Water Distribution System Pump Stations*: Add the following as a note to the bottom of the table: “Further detail of pump stations is available in the Bidders Library.”
- Section J3.2.1.3 *Inventory, Table 2D, Fixed Inventory, Water Distribution System Component Summary*: Revise the quantity of meters being sold as follows:

Component	Size	Approximate Year of Construction (quantity is EA)							Total
		1945	1955	1965	1975	1985	1995	2000	
Meters, AMR								35	35
Meters, Non-AMR						46			46
Meters, Other					22	23			45
Meters Total					22	69	35		126

- Section J3.2.1.3 *Inventory, Table 2F, Fixed Inventory, Government Retained Infrastructure*. Add the following rows below row 35:

NAME	Component	Size	Units	Quantity
KOUMA 3	PVC Pipe	1 in.	LF	161
KOUMA 3	PVC Pipe	1.5 in.	LF	1,374
KOUMA 3	PVC Pipe	2 in.	LF	722
KOUMA 3	PVC Pipe	6 in.	LF	1,661
KOUMA 3	PVC Pipe	8 in.	LF	3,098
KOUMA 3	Fire Hydrant	5.25 in.	EA	10
KOUMA 3	GATE Valve	6 in.	EA	6
KOUMA 3	GATE Valve	8 in.	EA	9
KOUMA 3	Meters, AMR	0.75 in.	EA	8

- Section J3.2.1.4 *Inventory*, Table 2F, *Fixed Inventory, Government Retained Infrastructure*: Add the following inventory line items as the last row for Montague 4 village as listed below:

NAME	Component	Size	Units	Quantity
Montague 4	Meters, AMR	0.75 in.	EA	8

- Section J3.2.1.4 *Inventory*, Table 2F, *Fixed Inventory, Government Retained Infrastructure*: Add the following inventory line items as the last row in each of the housing villages as listed below:

NAME	Component	Size	Units	Quantity
COMANCHE II INFILL	Bronze Gate Valve	0.75 in.	EA	72
COMANCHE 3a	Bronze Gate Valve	0.75 in.	EA	160
COMANCHE 4	Bronze Gate Valve	0.75 in.	EA	652
COMANCHE 5	Bronze Gate Valve	0.75 in.	EA	32
KOUMA 2a&b, 2c	Bronze Gate Valve	0.75 in.	EA	448
KOUMA 3	Bronze Gate Valve	0.75 in.	EA	132
MONTAGUE 3	Bronze Gate Valve	0.75 in.	EA	292
MONTAGUE 4	Bronze Gate Valve	0.75 in.	EA	160

- Section J3.2.1.4 *Inventory*, Table 2F, *Fixed Inventory, Government Retained Infrastructure*: Add the following inventory line items as the last rows in the table:

Village Name	Component	Size	Units	Quantity
Other Housing Meters				
Meters, AMR	Meters installed in 1995		EA	106
Meters, Non-AMR	Meters installed in 1985		EA	3
Meters, Other	Half the meters installed in 1975 and half installed in 1985		EA	16
Meters Total			EA	125

- Section J3.3.1 *Government-retained Utilities Infrastructure*: Revise the section to read as follows:

“Several new family housing projects are currently under construction or will have begun construction by the time this contract is awarded. The FHFH Partnership, may install additional utilities infrastructure from the existing Fort Hood utility systems to the points of

demarcation of these newly constructed housing units (see Paragraph J3.2.1.3 Points of Demarcation). The Contractor shall negotiate in good faith with the Contracting Officer to add the maintenance and renewals and replacements of the yet undefined infrastructure associated with all future FHFH housing units to the scope of *Fixed Inventory, Government Retained Infrastructure*, as required by this Contract, at the time the new infrastructure is defined and prior to connection of this infrastructure to the Contractor's system. "

"The Contractor shall separately cost services for the infrastructure to be retained by the Government under CLIN AE, *Fixed Monthly Charge for Government Retained Infrastructure*, see Paragraph B.5.5 (Offerors proposing a Tariff under Schedule B-1) or B.6.5 (Offerors proposing under Schedules B-2, B-3 or B-4), and Paragraph C.2.1.2, *Acquisition of Utility Services for Government Retained Infrastructure*."

- J2.3.3.4 *Cathodic Protection System Maintenance*: Revise the section number to "J3.3.3.4."
- J3.3.4 *Supervisory Control and Data Acquisition System* : Add the following as the last sentence to the 1st paragraph: "Contractor shall not use existing phone lines for his SCADA system."
- Section J3.3.5.1 *Connectivity to the Automated Meter Reading (AMR) System*: 1st paragraph, last 2 sentences: "The Contractor shall provide all labor, equipment, and materials necessary to install, connect, test, and calibrate the meters and the associated communication wires (not to exceed 250 feet) up to the meter interface unit (MIU). DPW will make the final connection between the AMR meters' communication wires and the MIU as part of Quality Assurance."
- Section J3.3.5.1 *Connectivity to the Automated Meter Reading (AMR) System*: Add the following paragraph as the second paragraph in the section: "As required, Contractor shall install AMR capability with all new secondary meters installed. This may include installation of meters in areas currently without telephone service. Contractor shall use his own SCADA system with radio transmission, install separate radio transmission capabilities, or request phone service from Sprint to transmit AMR data. All costs associated with the selected method of data transmission are the responsibility of the Contractor. Contractor's method of obtaining AMR readings shall be coordinated with the Fort Hood Directorate of Information Management (DOIM). DOIM shall approve all radio frequencies for transmission of data on Fort Hood."
- J3.3.5.2 *Meter Reading*: Add the following as the third sentence to the 1st paragraph: "The Government will review and approve all proposed changes to the electronic format of the data file sent monthly by the Contractor prior to Contracting Officer's acceptance of the monthly meter reading submittal."
- Section J3.3.7 *Cost of Supporting Utilities*: Change this section to read as follows:

"The Contractor is responsible for all supporting utilities not directly used to operate equipment integral to the system. Supporting utilities are defined as the supply of electricity, natural gas, water, wastewater, diesel, phone service, or other utility used by the system's emergency generators and the Contractor's ancillary facilities. Contractor's ancillary facilities shall include facilities that support administration, personnel, radio & phone dispatch, computers & SCADA "front end", equipment repair, storage, exterior lights & landscaping not directly illuminating or screening a utility system component,

and similar functions. Contractor may request compensation for diesel fuel that was consumed during a loss of primary power. Diesel costs associated with normal testing are the responsibility of the Contractor. The Contractor shall request and sign a Utility Sales Agreement for the purchase of any supporting utilities to be provided by the Government.”

- Section J3.3 Add new specific Service Requirement J3.3.10 as follows:

“J3.3.10 Utility System Map Updates

Contractor shall provide updated utility system maps and Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE) compatible electronic data formats annually showing the location of Contractor’s utility system on Fort Hood. Maps and the SDSFIE data shall accurately depict the location of all underground and above ground components of the system IAW Section C.5.1.5 *Record Drawings*. Contractor shall indicate changes to the utility system completed since the last update of the electronic submittal. Electronic data submittals shall be compatible with Fort Hood’s existing Geographics Information System (GIS) architecture and be GEO referenced to Fort Hood’s existing GIS coordinate system. Maps shall be marked for reference use only. One hard copy map and two copies of the electronic data shall be submitted as part of the Contractor’s Annual Capital Upgrades and Renewals and Replacements Plan IAW Section C.11.2.4.”

“Throughout the year, the Contractor shall provide current drawings of proposed utility construction to the DPW Office designated by the Contracting Officer to coordinate associated facility construction. The Contractor shall also review and comment upon the installation's facility construction drawings as they relate to electric service by attending the weekly DPW Project Review Board.”

- Section J3.3 Add new specific Service Requirement J3.3.11 as follows:

“J3.3.11 Routine, Urgent, and Emergency Repair Response

Contractor shall provide system repairs to routine, urgent, and emergency service requests, whether issued by the government or the Contractor’s personnel IAW Section C.8 *Repair Response Notification Procedures*.

J3.3.11.1 Emergency Service Request

An emergency condition is one that is detrimental to the mission of Fort Hood, significantly impacts operational effectiveness, or compromises the safety, health, and life of personnel. Such requests shall include, but are not necessarily limited to, electrical outages, downed power lines, water outages, broken water mains, natural gas outages, natural gas leaks, or wastewater main overflows.

The Contractor shall ensure it is able to receive the emergency service requests 24 hours a day, every day IAW Section C.8 *Repair Response Notification Procedures*. Once an emergency request is received, the Contractor shall respond immediately. A representative knowledgeable of the system and the Contractor’s *Service*

Interruption/Contingency Plan (as required in Section C.7 *Response to Service Interruptions and Contingencies*) shall be on the site of the emergency within 1 hour. Additionally, repair crews appropriately trained to eliminate the condition must respond to the emergency site within 2 hours. Work will be continuous until the emergency condition is eliminated or downgraded and service is restored. All emergencies will be remedied or downgraded to a non-emergency status within 24 hours.

J3.3.11.2 Urgent Service Requests

An urgent condition is not an emergency but significantly hinders performance of Fort Hood's activities and requires elimination of potential fire, health, and safety hazards (for example, environmental controls, non-emergency utility leaks, special requests and events, plumbing problems, downgraded emergency responses, etc.).

Once an urgent request is received, the Contractor shall respond with a representative knowledgeable of the system and the Contractor's *Service Interruption/Contingency Plan* (as required in Section C.7 *Response to Service Interruptions and Contingencies*). The contractor shall be on the site of the request within 24 hours. All urgent requests will be remedied within 5 calendar days.

J3.3.11.3 Routine Service Requests

A routine service request is one that does not pose an immediate threat to public health, safety, or property, or to a mission or operation conducted at Fort Hood. Such requests may include, but are not necessarily limited to requests for new or relocated service connections.

The Contractor is not required to respond to routine service requests outside normal duty hours. The Contractor may respond to routine service requests outside of normal duty hours at its option and with appropriate coordination. Initial response to any routine service request shall be made within 5 calendar days, and completed within 30 calendar days of receiving the request. After initial response, the Contractor shall pursue completion of routine service requests with due diligence.

- Section J3.5 *Secondary Metering*: Revise the 1st paragraph of this section to read as follows:

“Between the point of delivery and the end user points of demarcation, the Contractor shall own the existing meters, with the exception of the meters on Military Family Housing units. This includes existing secondary meters installed by the Government and FHFH installed meters in Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2 a&b, Kouma 2c, Kouma 3, Montague 3, and Montague 4. Contractor shall install additional meters at new and upgraded locations as directed by the Contracting Officer. Contractor shall install or cause to have installed utility meters as requested by the Contracting Officer to include accessories that will ensure compatibility with the approved data capturing system as approved by the Contracting Officer.”
- Section J3.5.1 *Existing Secondary Metering*: Revise the 1st three paragraphs of this section to read as follows:

“**Tables 6A, 6B and 6C** list the existing (at the time of contract award) meters, with the exception of the meters installed by the FHFH Partnership. **Table 6A** lists existing meters connected to the AMR system, **Table 6B** lists existing meters that are not connected to the AMR system (Non-AMR meters) and **Table 6C** lists other existing meters (meters not connected to the AMR system and not currently being read as non-AMR meters). ”

“The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3, *Metering*, J3.3.5.3, *Meter Reading*, and J3.6, *Monthly Submittals*. The Contractor shall provide monthly meter readings for non-AMR meters that are identified as non-reimbursable (Table 6B) and all other meters (Table 6C). AMR meters (Table 6A) and non-AMR meters that are identified as reimbursable (Table 6B) will be read by the Government. In the event AMR meters, including Government retained meters, are not able to transmit data to the AMR system, the Contractor shall provide meter readings for AMR meters when requested by the Government.”

- Section J3.5.1 *Existing Secondary Metering*: Revise Table 6A as follows:

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
Meters from Table 2C (Contractor Owned)						
AAPX0611						
AAPZ1333(P0_50008)	2642480					
FBOO4003(P7_85006)						
FBOO4004(P7_WFBANK)						
ISOT0102(P0_56135)	44647117					
MD003112(P0_4905_2)	2000742472			100	6	
MDOO3102(P0_33001)	2000742440					
MDOO3104(P7_36014)	2000742143			1000	6	
MDOO3106(P7_33003)	2000707921				6	
MDOO3109(P0_76022_2)	2000504255		Kent	100	6	
MDOO3110(P0_4902)	2000743378			10	6	
MDOO3112(P?_4905_1)	2000742472					
MDOO3116(P0_36017)	2000504081			100	6	
MDOO3117(P0_36019)	2000747332			10	6	
MDOO3118(P0_36007)	2000743921			1000	6	
MDOO3121(P7_36001)	2000743629			1000	6	
MDOO3122(P0_4909)	2000691615					
MDOO3123(P7_420)	2000742520			1000	6	
MDOO3124(P0_4222)	2000746686			100	5	
MDOO3125(P0_7015)	55444845			20	5	1999
MDOO3125(P0_7015)	2000743689			100	6	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
MDOO3127(P0_90043)	2000746517			100	6	
MDOO3128(P0_120)	2000750639			10	4	
MDOO3131(P0_39033)	2000744366			1000	6	
MDOO3134P7_9440)	2000707747			1000	6	
MDOO3136(P0_36000_1)	2000727083			1000	6	1999
MDOO3137(P0_36000_2)	2000727658			1000	6	
MDOO3139(P0_36000_4)	2000708069			1000	6	
MDOO3141(P0_36000_6)	2000727169			1000	6	1999
MDOO3144(P0_39011)	2000747658			10	6	
MDOO6100(P0_36027)	2000695309				6	
MDOO6101(P0_36028)	2000694798				6	
MDOO6102(P0_36030)					6	
MDOO6150(P0_4441)	2000745192			100	6	
MDOO6151(P_36015)						

Meters from Table 2F (Government Retained)

DEFH0012(P0_51213_1)	None					
DEFH0035(P0_51213_2)	None					
DEFH2700(P0_6791)	6478829					
DEFH2702(P0_6792)	50969899					
DEFH2703(P0_6793)	50969865					
DEFH2704(P0_6794)	33333					
DEFH2705	19006823					
DEFH2706(P0_6796)	50999884					
DEFH2707(P0_6797)	6420857					
DEFH2708(P0_6798)	50969887					
DEFH2709(P0_6799)	99999					
DEFH2710((P0_6826)	6417416					
DEFH2711(P0_6821)	50969875					
DEFH2919(P0_6443_1)	2000029783					
DEFH2946(P0_5852)	2000030667					
DEFH2953(P0_8130)	200030631					
DEFH2960(P?_51733_5)	284345539					

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH2962(P0_8402)	2000034373					
DEFH3002(P0_48556_1)	20000228521					
DEFH3003(P0_48556_2)	20000228170					
DEFH3004(P0_48558_1)	20000228766					
DEFH3005(P0_48558_2)	20000228752					
DEFH3006(P0_48560_1)	20000228777					
DEFH3007(P0_48560_2)	20000212800					
DEFH3008(P0_48562_1)	20000219018					
DEFH3009(P0_48562_2)	20000219005					
DEFH3010(P0_48564_1)	20000217918					
DEFH3011(P0_48564_2)	20000217784					
DEFH3012(P0_48565_1)	06414481					
DEFH3013(P0_48565_2)	06474543					
DEFH3014(P0_48563_1)	20000213016					
DEFH3015(P0_48563_2)	20000214734					
DEFH3016(P0_48561_1)	20000212799					
DEFH3017(P0_48561_2)	20000212801					
DEFH3018(P0_48559_1)	20000213253					
DEFH3019(P0_48559_2)	20000213249					
DEFH3020(P0_48557_1)	20000228186					
DEFH3021(P0_48557_2)	20000212811					
defh3033(P0_6608)	5231138272		ABB	10	6	
defh3034(P0_6610)	6161068871		ABB	10	6	
defh3035(P0_6734)	5232140338		ABB	10	6	
defh3036(P0_6735)	6162056465		ABB	10	6	
defh3037(P0_6737)	6162056458		ABB	10	6	
defh3038(P0_6809)	5231138350		ABB	10	6	
defh3039(P0_6813)	6161068854		ABB	10	6	
defh3040(P0_6822)	5231138162		ABB	10	6	
defh3042(P0_6831)	5231138286		ABB	10	6	
defh3043(P0_6851)	5231138175		ABB	10	6	
DEFH3208(P0_48557_1)	2000226186		Kent	10	6	
DEFH3209(P0_48557_2)	2000212811		Kent	10	6	

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH3210(P0_48559_1)	2000213253		Kent	10	6	
DEFH3211(P0_48559_2)	2000213249		Kent	10	6	
DEFH3212(P0_48560_1)	6161089680		ABB	10	6	
DEFH3540(P0_8102_1)						
DEFH4109(P0_6222)						
DEFH4110(P0_6447_1)						
DEFH4111(P0_6447_2)						
DEFH4114(P0_6522)						
DEFH4115(P0_6540_1)						
DEFH4116(P0_6540_1)						
DEFH4117(P0_6541_1)						
DEFH4118(P0_6541_2)						
DEFH4119(P0_6542)						
DEFH4120(P0_6544_1)						
DEFH4121(P0_6544_1)						
DEFH4122(P0_6553)						
DEFH4123(P0_6560)						
DEFH4124(P0_6565)						
DEFH4125(P0_6556_1)						
DEFH4126(P0_6566_2)						
DEFH4127(P0_6570_1)						
DEFH4128(P0_6570_2)						
DEFH4504(P0_6443-1)						
DEFH4506(P0_6012)						
DEFH4507(P0_6013)						
DEFH4508(P0_6016)						
DEFH4509(P0_6017)						
DEFH4510(P0_6020)						
DEFH4511(P0_6021)						
DEFH4512(P0_6024)						
DEFH4513(P0_6025)						
DEFH4514(P0_6028)						
DEFH45159(P0_6282)						

UID	AMR-Serial #	Body-Serial #	MODEL	MULT	Dials	Install date
DEFH4516(P0_6283)						
DEFH5701(P0_83001_2)		5232140222	ABB Scancoder	10	6	
DEFH5705(P0_84138_1)	10521392		Sensus	100	6	
DEFH5706(P0_84138_2)	54962520		Sensus	100	6	
DEFH5707(P0_84139_1)	09742460		Sensus	1000	6	
DEFH5708(P0_84139_2)	09787112		Sensus	1000	6	
DEFH5709(P0_84140)	09792136		Sensus	1000	6	
DEFH5710(P0_84141_1)	09849237		Sensus	1000	6	
DEFH5711(P0_84141_2)	09742463		Sensus	1000	6	
DEFH5712(P0_84142_1)	09792137		Sensus	100	6	
DEFH5713(P0_84142_2)	09813591		Sensus	1000	6	
DEFH5714(P0_84143)	09787119		Sensus	1000	6	
defh5828(P_84215_1)	6162056480		ABB	10	6	
defh5829(P0_84215_2)	5231138163		ABB	10	6	
defh5830(P0_84236_1)	5231138174		ABB	10	6	
defh5831(P0_84236_2)	6162056470		ABB	10	6	
defh5835(P0_84121)						
defh5836(P0_84125)						
defh5838(P0_84249)						
defh5839(P0_84250_2)						

- Section J3.5.1 *Existing Secondary Metering*: Revise Table 6B as follows:

BLDG	UID	OWNER	ADDRESS	REIMBURSEABLE (Y/N)
Meters from Table 2C (Contractor Owned)				
39014	AAPB0217W1	AAFES Snack Bar	67th and Support Ave	YES
224	AAPG0707W1	AAFES Gas Sta, Main	42nd and HQ Ave	YES
50006	AAPS1223W1	AAFES Package Store	Clear Creek	YES
33012	AAPX0910W1	AAFES 1CD	73rd and Battalion	YES
9401	AAPX0948W1	AAFES 2AD(sprinkler)	20th and Bn Ave	YES
1002	AAPZ1327W1	AAFES Shoppette	Hood Rd & HQ Ave	YES
325	AAPZ1328W1	AAFES Shoppette	37th and T-D Ave	YES
52021	AAPZ1329W1	AAFES Shoppette	Copperas Cove Road	YES

BLDG	UID	OWNER	ADDRESS	REIMBURSEABLE (Y/N)
8314	AAPZ1331W1	AAFES Launderette	Martin & Central Dr	YES
85001	AAPZ1332W1	AAFES Shoppette	Martin & Central Dr	YES
70012	AAPZ1335W1	AAFES Shoppette	West Ft Hood	YES
33010	AROO0101W1	Army Res Reg Trng Ct	Support Ave & 72nd	YES
90089adj	ASOT0101W1	ASAS (JTF) Field Off	Mohawk Rd	YES
90089adj	ASOT0101W2	ASAS (JTF) Field Off	Mohawk Rd	YES
453	CEOT9900W1	CECOM	BLDG 453	YES
451	CEOT9901W1	CECOM	451	YES
85020	DCCO2201W1	Commissary	10th St & Warrior Way	YES
85020	DCCO2201W2	Commissary	10th St & Warrior Way	YES
99999	DEMT3001W1	DEH-Hsg (Liberty Wat)	250ft e of Clear Crk	NO
20104	DPBL3923W1	DPCA-BLORA	Cottage Rd	YES
20107	DPBL3923W2	DPCA-BLORA	Cottage Rd	YES
20148adj	DPBL3923W4	DPCA-BLORA	East end of Main Rd	YES
52381	DPCC3507W1	DPCA-Clear Creek GC	Bn Ave (Comanche 1)	YES
51300adj	DPCC3507W2	DPCA-Clear Creek GC	Osage Ct(Comanche 1)	YES
52381adj	DPCC3507W3	DPCA-Clear Creek GC	w end Bn Ave (Com 1)	YES
52381adj	DPCC3507W4	DPCA-Clear Creek GC		YES
50012	DPCO3624W1	DPCA-Comm Ctr (CC)	Clear creek rd	YES
4930	DPRC0601W1	DPCA-Rental Center	Clear creek rd	YES
49010	DPWL2305W1	DPCA Warrior Lanes	BLDG 49010	YES
49010	DPWL2305W2	DPCA Warrior Lanes	BLDG 49010	YES
4105adj	DTOT0101W1	ECS Services	Motor Pool Road	YES
50005	FBOO4001W1	FH Nat Bank,CC	Clear Creek	YES
322	FUOO4001W1	FH Mil Credit Union	37th and HQ Ave	YES
69002adj	HSHS3708W1	DPCA-Hunt & Saddle	Hood Rd,opp Railhead	YES
194	ICNS3809W1	DPCA-Main NCO Club	37th and HQ Ave	YES
70005	ICNW3816W1	DPCA-WFH NCO Club	Base Road, Montague	YES
5764	ICOS3810W1	DPCA-Main Off Club	24th and T-D Ave	YES
9212	ICPI3811W1	DPCA-Patton Inn	20th and Central Ave	YES
42000	ICSD3814W1	DPCA-Sports Dome	75th and Bn Ave	YES
2250	MDOO6104W1	Meddac	HQ Ave	YES
2255	MDOO6152W1	Meddac	HQ and Support ave	YES

BLDG	UID	OWNER	ADDRESS	REIMBURSEABLE (Y/N)
99999	MHOT3101W1	Metroplex Hospital	Clear Crk & Hwy 190	YES
33011	MLPO0226W1	AAFES Popeye's Chick	73rd and Battalion	YES
111	PHPH3001W1	DEH-Hsg (Poxon Hse)	Hood Rd	YES
Main Off	UNOT0101W1	Universal (/ by 2)	entr to Liberty Vil	YES
225	WGOT0301W1	AAFES Car Wash, Main	42nd and HQ Ave	YES

Meters from Table 2F (Government Retained)

51537-3	DEFH2955W1	DEH-Hsg (typ wat)	Coushatta St (Com 2)	NO
51544-3	DEFH2956W1	DEH-Hsg (typ wat)	Coushatta St (Com 2)	NO
51764-1	DEFH2961W1	DEH-Hsg (typ wat)	Comanche Cir (Com 2)	NO

- Section J3.5.1 *Existing Secondary Metering*: Revise Table 6C as follows:

BLDG. NO.	UID #	OWNER	ADDRESS	LOCATION	MULT
Meters from Table 2C (Contractor Owned)					
10006		2+2 Barracks	28th and central ave		
135	29012436	AAFES Mil Clth/Fd Ct	Hood Rd and HQ Ave	se mech rm, e wall	100
136	23955369	AAFES PX Concession	Hood Rd and HQ Ave	s of pkg lot by tree	100
14008	25528898	AAFES PX Snack Bar	40th and Bn Ave	se corner in pit	10
314		AAFES PX w/MCC	37th and Bn Ave	north side in box	100
5488	25835715	AAFES Shoppette	Hoover Rd, Pershing	1st stall e side lot	100
50110	2642480	AAFES Shoppette, CC	Clear Crk & Santa Fe	east side, sidewalk	10
7011		AAFES Snack Bar	HAAF	se corner	10
24007	22626200	AAFES Snack Bar/MCC	58th and Bn Ave	east side in pit	100
4310	8541112	Anglin Office Equip	77th and Warehouse	ne crnr of compound	10
88036adj	26348636	Carothers	Clark Rd & Hwy 190	sw corner of Bldg 88036 on hydrant	100
T825	514859	Cobra Inc	20th and Central Dr	on w side of trailer	10
50001	125398	Commissary	Clear Crk & Cove Rd	inside, nw corner	10
4105adj		CSS Inc	Motor Pool Road	e of Taylor by stump	10
6606adj	3925126	DPCA Youth Ctr	Patton Dr & T-D Ave	in mech rm s wall	100
9001		DPCA-Albee lanes	20th and Central Dr.	S of breezwy in box	100
5794	91506661	DPCA-Anderson GC	Wainwrt Dr & T-D Ave	e of prkg lot, pit	100

BLDG. NO.	UID #	OWNER	ADDRESS	LOCATION	MULT
5794adj	flow mtr #3	DPCA-Anderson GC	Wainwrt Dr & T-D Ave	n of clubhse, on pit	100
8001adj	flow mtr #4	DPCA-Anderson GC	Wnwrt Dr & Old Bn Av	e of liftsta, on pit	100
6701adj	flow mtr #2	DPCA-Anderson GC	South of T-D Ave	s of #1 tee, in pit	100
6826adj	flow mtr #1	DPCA-Anderson GC	East of Coleman Rd	n of #3 frwy, in pit	100
20118	91506664	DPCA-BLORA	Sparta Rd	s side of bldg in pit	100
20148	91506501	DPCA-BLORA	Sparta Rd E. RV Park	E. side of pit	100
	91506655	DPCA-BLORA	E. RV Park	Down hill, west of site #19, in pit	100
2804	313502	DPCA-Bowlers Green	62nd and HQ Ave	ne of bldg, in s pit	100
2804	92522473	DPCA-Bowlers Green	62nd and HQ Ave	ne of bldg, in n pit	100
3203	7032041	DPCA-Car Wash, Saber	72nd & HQ Ave	e side 3202 in box	100
52381	Flow meter #2	DPCA-Clear Creek GC	BN Ave (Comanche 1)	Rd to lift sta, pit	100
9212	91506665	DPCA-Patton Inn	20th and Central Ave	N. side in pit	100
42000	92522472	DPCA-Ports Dome	75th and Bn Ave	se mech rm, e wall	100
2241	8975842	DPCA-Sunburst Inn	58th & Support Ave	s side in pit	100
76020	91506658	DPCA-WFH O'Club	Crockett (Montague)	west side curb, box	100
70002adj	91506495	DPCA-WFH RV Park	Clark Rd	n end, row 1-eastmost	100
70002adj	91506494	DPCA-WFH RV Park	Clark Rd	n end, row 2-mideast	100
70002adj	91506662	DPCA-WFH RV Park	Clark Rd	n end, row 3-midwest	100
70002adj	91506657	DPCA-WFH RV Park	Clark Rd	n end, row 4-westmost	100
4105adj	37291048	DTH Mgmt trailer	Motor Pool Road	ne corner in box	10
	45478097	GUYCO	Central Dr & 25th	E of trlr, on Hydrant, S side of Street	10
9425adj	36869925	GUYCO Engineering	16th St & Bn Ave	W side, W of Fire Hydrant in Bucket	10
33003	1275782	ICD Troop Med Clinic	Bn/75th	SW corner in box	100
5488adj	393504	JK Richardson	Hoover Rd, Pershing	inside west mech rm	1
89010adj	1213959	Odell Geer	Copperas Cove Rd	e side on hydrant	100
52019adj	29211776	Shasta Industries	Copperas Cove Rd	portable in bathhouse	100
	36280873	Silverton Constr	s of loading dock	below gas, portable	10
		Texas Na Guard MATES	s of loading dock	opposite gas, in pit	100

Meters from Table 2F (Government Retained)

6796	19006835	DEH-HSG (GOQ)	GOQ Circle, Patton	rt of entr, flowbed	100
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BLDG. NO.	UID #	OWNER	ADDRESS	LOCATION	MULT
6798		DEH-HSG (GOQ)	GOQ Circle, Patton	right of front door	10
6793	19002371	DEH-HSG (GOQ)	GOQ Circle, Patton	fr entr under spiket	100
6791	51860	DEH-HSG (GOQ)	GOQ Circle, Patton	fr entr under spiket	10
6792	35156417	DEH-HSG (GOQ)	GOQ Circle, Patton	fr entr under spiket	10
6797	19006823	DEH-HSG (GOQ)	GOQ Circle, Patton	right of driveway	100
6795	92561501	DEH-HSG (GOQ)	Patton Circle	Front under spicket	10
6826	9198577	DEH-HSG (GOQ)	Coleman Rd (Patton)	N. side, N. of spiket	10
6821	92524682	DEH-HSG (GOQ)	Coleman Rd (Patton)		10
5852		DEH-Hsg (typ water)	24th & Dupas (Wainwr)	e side by ac in box	10
51609-2	812268	DEH-Hsg (type water)	Zuni Circle (Com 2)	in yard box	10
51636-7		DEH-Hsg (type water)	Karankawa Cir (Com 2)	in yard box	0
51733-5	284345539	DEH-Hsg (type water)	Karankawa Cir (Com 2)	in yard box	10
51452-3		DEH-Hsg (type water)	Coushatta St (Com 2)	in yard box	10
51537-3		DEH-Hsg (type water)	Coushatta St (Com 2)	in yard box	10
51550		DEH-Hsg (type water)	Coushatta St (Com 2)	in yard box	10

- Section J3.6 *Monthly Submittals*: Invoice, 1st line, change reference to section “J2.3.1” to “J3.3.1”.
- Section J3.6 *Monthly Submittals*: Revise the Meter Reading Report to read as follows:

“The monthly meter reading report shall show the current and previous month’s readings for all identified secondary meters read that month by the Contractor. Meter reading reports shall be submitted in electronic format (Microsoft Excel format, compatible with the most current version of Microsoft Excel being used by Fort Hood) and shall be compatible with Fort Hood’s existing billing software program (Dbase). The proposed meter reading report format shall be coordinated with the DPW representative prior to submittal to Contracting Officer for final approval. The Government will provide its monthly list of Required Manual Reads from Failed AMR by the 25th of the month. Manually read meters shall be read during last 5 working days of month. Those Meter reading reports shall be submitted by the 1st of each month for the previous month. Meter reading reports shall be submitted to:”
- Section J3.10 *Specific Transition Requirements, Table 8 Service Connections and Disconnections*, delete the following from the first row of the table: “There are no service connections or disconnections required upon transfer of the Fort Hood Water Distribution System.”
- Section J3.10 *Specific Transition Requirements, Table 8 Service Connections and Disconnections*, Add the following transition requirement as the first row of the table.

To the first column under *Location* add:

“Pump Station Nos. 20145, 6898, 69010, 7033, 90059, 90061, 92085, 93008, 93022.”

Add the following text under the Column titled *Description*:

“Required new electric meter.

NOTE: The contractor shall install the new electric meters and the operational responsibility of the electric meters will be that of the electric utility system owner. Contractor shall coordinate with the electric utility owner the transfer of the meters.”

- Section J3.11 *Government Recognized System Deficiencies, Table 9, System Deficiencies*, the following deficiency for *Pump Station Nos. 20145, 6898, 69010, 7033, 90059, 90061, 92085, 93008, 93022* (2nd row in the table): Delete the deficiency.
- Section J3.11, *Government Recognized System Deficiencies, Table 9 System Deficiencies*: the following deficiency for *93008 Pump Station* (5th row in the table): Delete the deficiency.
- Section J3.11 *Government Recognized System Deficiencies, Table 9, System Deficiencies*, the following deficiency for *Circulation in Water Storage Tanks* (10th row in the table):

Change the text under the column titled *System Component* to:

“Circulation in Water Storage Tanks 88025 and 92069”.

Change the text under the column titled *Deficiency Description* to:

“Reconfigure piping in the elevated water storage tanks to enhance circulation by filling at the top and emptying at the bottom.”

3. Make the following changes to Section J4 for the privatization of the Wastewater Collection distribution system.

- Section J4.1 *Fort Hood Overview*. Revise the 7th and 8th paragraph to read as follows:

“As of 1 December 2003, new construction has been completed on Comanche II Infill (36 units); Kouma 2a, 2b, 2c (224 units); Montague 3 (146 units); and Comanche 3a Infill (80 units). Construction is ongoing in Comanche 4 (326 units) and Kouma 3 (66 units). The approved final construction plans for Montague 4 (80 units) and Comanche 5 (16 units) are expected to be awarded before 30 June 2004.”

“Six units have been demolished and an additional 26 units will be demolished as a part of the Comanche 5 project. The 568 units in Walker Village are expected to be demolished in the 2005-2006 timeframe. An additional 232 future housing units with an undefined amount of new utility infrastructure are expected to be constructed by FHFH in the 2004-2005 timeframe.”
- Section J4.2.1.1 *Description*. Under list of “Specifically excluded from the water distribution system privatization”, bullet 6, add “Kouma 3” to list of housing areas.

- Section J4.2.1.2 *Points of Demarcation*. Table 1, *Wastewater Collection and Treatment System Points of Demarcation*. Row 6 Residential housing installed by FHFH..., Revise as follows:

Point of Demarcation	Applicable Scenario	Sketch
Point of demarcation for utility ownership is the point where the FHFH Partnership installed infrastructure connects to the existing sewer collection main. <i>Note: This point of demarcation has been established by the FHFH initiative. All components of the wastewater collection and treatment system not included as a part of the residence are included with wastewater collection and treatment system included for privatization.</i>	Residential housing installed by FHFH, Comanche II Infill, Comanche 3a, Comanche 4, Comanche 5, Kouma 2a&b, Kouma 2c, Kouma 3, Montague 3, and Montague 4.	See the Bidder's Technical Library for general representations of points of demarcation separating FHFH installed infrastructure and existing sewer collection main.

- Section J4.2.1.2 *Points of Demarcation*. Table 1, *Wastewater Collection and Treatment System Points of Demarcation*. Row 7 Add "Kouma 3" to list of "Residential housing installed by FHFH."

- Section J4.2.1.4 *Inventory*, 1st paragraph. Change the paragraph to read as follows:

"The wastewater collection system piping consists of approximately 200 miles of buried piping ranging in size from 4-inch service laterals to 30-inch main lines. The average burial depth for buried infrastructure is 8 feet below ground surface. Approximately 20 to 25 percent of the distribution system is underneath parking lots, pavements, roadways, etc. There are 39 wastewater pump/lift stations to collect and transfer wastewater to treatment facilities. Other components include manholes, valves, cleanouts, and meters. Detailed inventories of the wastewater collection system piping, lift/pump stations, other system components, and wastewater treatment facilities are shown in **Tables 2A, 2B, 2C, and 2D** respectively."

- Section J4.2.1.4 *Inventory*, 3rd paragraph. Added "Kouma 3" to list of areas contained in Table 2E.
- Section J4.2.1.4 *Inventory*, Table 2B, *Fixed Inventory, Wastewater Pump/Lift Stations*, Replace rows 41 through 43 for *Lift Station 9534* with the following information:

Lift Station 9534, Wetwell Only, Fiberglass	5' dia. x 12'	1	EA	2004
pumps, submersible	2 Hp	2	EA	2004
Building, cinderblock	10'x16', estimated	160	SF	1956

- Section J4.2.1.4 *Inventory*, Table 2B, *Fixed Inventory, Wastewater Pump/Lift Stations*, Insert the word "Primary" in front of the following lift station descriptions in the first column:

"Lift Station 93040, Wetwell Only, Concrete"

"Lift Station 41012, Wetwell/Drywell, Concrete"

“Lift Station 8001, Wetwell/Drywell, Concrete”

- Section J4.2.1.4 *Inventory, Table 2B, Fixed Inventory, Wastewater Pump/Lift Stations*, Inserted the following rows at the end of the table.

RCI Primary Pump Station in Comanche II (51400), Wetwell Only, Concrete	9' dia. x 11'	1	EA	2000
pumps, submersible	100 HP	3	EA	2000
Backup generator, diesel	350 KW	1	EA	2000
Fence, chain link	6 feet Chain Link	270	LF	2000
RCI Primary Pump Station in Comanche III (52380), Wetwell Only, Concrete	9' dia. x 11'	1	EA	2000
pumps, submersible	20 HP	3	EA	2000
Backup generator, diesel	150 KW	1	EA	2000
Fence, chain link	6 feet Chain Link	224	LF	2000
RCI Primary Pump Station in Kouma (48512), Wetwell Only, Concrete	8' dia. x 21'	1	EA	2000
pumps, submersible	30 HP	2	EA	2000
Backup generator, diesel	75 KW	1	EA	2000
Fence, chain link	6 feet Chain Link	890	LF	2000

- Section J4.2.1.4 *Inventory, Table 2B, Fixed Inventory, Wastewater Pump/Lift Stations*, Inserted the following rows at the end of the table.

Lift Station 48881, Wetwell/Drywell	5' dia. x 6'	1	EA	2004
Pumps, submersible	5 HP	2	EA	2004

- Section J4.2.1.4 *Inventory, Table 2E, Fixed Inventory, Government Retained Infrastructure*, delete the following lift stations and their inventories from the table. Note: These lift stations are now included in the purchase and are listed in Table 2B.

“RCI Pump Station in Comanche II (51400), Wetwell Only, Concrete”

“RCI Pump Station in Comanche III (52380), Wetwell Only, Concrete”

“RCI Pump Station in Kouma (48512), Wetwell Only, Concrete”

- Section J4.2.1.4 *Inventory, Table 2E, Fixed Inventory, Government Retained Infrastructure*: Added the following rows below row 35:

KOUMA 3	PVC Pipe	4 in.	LF	1,152
KOUMA 3	PVC Pipe	6 in.	LF	1,472

KOUMA 3	PVC Pipe	8 in.	LF	1,224
KOUMA 3	Cleanout	6 in.	EA	5
KOUMA 3	Concrete Manhole		EA	14

- Section J4.3.1 *Government-retained Utilities Infrastructure*: Revise the section to read as follows:

“Several new family housing projects are currently under construction or will have begun construction by the time this contract is awarded. The FHFH Partnership, may install additional utilities infrastructure from the existing Fort Hood utility systems to the points of demarcation of these newly constructed housing units (see Paragraph J3.2.1.3 Points of Demarcation). The Contractor shall negotiate in good faith with the Contracting Officer to add the maintenance and renewals and replacements of the yet undefined infrastructure associated with all future FHFH housing units to the scope of *Fixed Inventory, Government Retained Infrastructure*, as required by this Contract, at the time the new infrastructure is defined and prior to connection of this infrastructure to the Contractor’s system. “

“The Contractor shall separately cost services for the infrastructure to be retained by the Government under CLIN AE, *Fixed Monthly Charge for Government Retained Infrastructure*, see Paragraph B.5.5 (Offerors proposing a Tariff under Schedule B-1) or B.6.5 (Offerors proposing under Schedules B-2, B-3 or B-4), and Paragraph C.2.1.2, *Acquisition of Utility Services for Government Retained Infrastructure*.”

- J3.3.4 *Supervisory Control and Data Acquisition System* : Add the following as the last sentence to the 1st paragraph: “Contractor shall not use existing phone lines for his SCADA system.”
- Section J4.3.7 *Cost of Supporting Utilities*: Change this section to read as follows:

“The Contractor is responsible for all supporting utilities not directly used to operate equipment integral to the system. Supporting utilities are defined as the supply of electricity, natural gas, water, wastewater, diesel, phone service, or other utility used by the system’s emergency generators and the Contractor’s ancillary facilities. Contractor’s ancillary facilities shall include facilities that support administration, personnel, radio & phone dispatch, computers & SCADA “front end”, equipment repair, storage, exterior lights & landscaping not directly illuminating or screening a utility system component, and similar functions. Contractor may request compensation for diesel fuel that was consumed during a loss of primary power. Diesel costs associated with normal testing are the responsibility of the Contractor. The Contractor shall request and sign a Utility Sales Agreement for the purchase of any supporting utilities to be provided by the Government.”

- Section J4.3 Add new specific Service Requirement J.4.3.9 as follows:

“J4.3.9 Utility System Map Updates

Contractor shall provide updated utility system maps and Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE) compatible electronic data formats

annually showing the location of Contractor's utility system on Fort Hood. Maps and the SDSFIE data shall accurately depict the location of all underground and above ground components of the system IAW Section C.5.1.5 *Record Drawings*. Contractor shall indicate changes to the utility system completed since the last update of the electronic submittal. Electronic data submittals shall be compatible with Fort Hood's existing Geographics Information System (GIS) architecture and be GEO referenced to Fort Hood's existing GIS coordinate system. Maps shall be marked for reference use only. One hard copy map and two copies of the electronic data shall be submitted as part of the Contractor's Annual Capital Upgrades and Renewals and Replacements Plan IAW Section C.11.2.4."

"Throughout the year, the Contractor shall provide current drawings of proposed utility construction to the DPW Office designated by the Contracting Officer to coordinate associated facility construction. The Contractor shall also review and comment upon the installation's facility construction drawings as they relate to electric service by attending the weekly DPW Project Review Board."

- Section J4.3 Add new specific Service Requirement J3.3.10 as follows:

"J4.3.10 Routine, Urgent, and Emergency Repair Response

Contractor shall provide system repairs to routine, urgent, and emergency service requests, whether issued by the government or the Contractor's personnel IAW Section C.8 *Repair Response Notification Procedures*.

J4.3.10.1 Emergency Service Request

An emergency condition is one that is detrimental to the mission of Fort Hood, significantly impacts operational effectiveness, or compromises the safety, health, and life of personnel. Such requests shall include, but are not necessarily limited to, electrical outages, downed power lines, water outages, broken water mains, natural gas outages, natural gas leaks, or wastewater main overflows.

The Contractor shall ensure it is able to receive the emergency service requests 24 hours a day, every day IAW Section C.8 *Repair Response Notification Procedures*. Once an emergency request is received, the Contractor shall respond immediately. A representative knowledgeable of the system and the Contractor's *Service Interruption/Contingency Plan* (as required in Section C.7 *Response to Service Interruptions and Contingencies*) shall be on the site of the emergency within 1 hour. Additionally, repair crews appropriately trained to eliminate the condition must respond to the emergency site within 2 hours. Work will be continuous until the emergency condition is eliminated or downgraded and service is restored. All emergencies will be remedied or downgraded to a non-emergency status within 24 hours.

J4.3.10.2 Urgent Service Requests

An urgent condition is not an emergency but significantly hinders performance of Fort Hood's activities and requires elimination of potential fire, health, and safety hazards

(for example, environmental controls, non-emergency utility leaks, special requests and events, plumbing problems, downgraded emergency responses, etc.).

Once an urgent request is received, the Contractor shall respond with a representative knowledgeable of the system and the Contractor's *Service Interruption/Contingency Plan* (as required in Section C.7 *Response to Service Interruptions and Contingencies*). The contractor shall be on the site of the request within 24 hours. All urgent requests will be remedied within 5 calendar days.

J4.3.10.3 Routine Service Requests

A routine service request is one that does not pose an immediate threat to public health, safety, or property, or to a mission or operation conducted at Fort Hood. Such requests may include, but are not necessarily limited to requests for new or relocated service connections.

The Contractor is not required to respond to routine service requests outside normal duty hours. The Contractor may respond to routine service requests outside of normal duty hours at its option and with appropriate coordination. Initial response to any routine service request shall be made within 5 calendar days, and completed within 30 calendar days of receiving the request. After initial response, the Contractor shall pursue completion of routine service requests with due diligence.

- Section J4.10 *Specific Transition Requirements, Table 6 Service Connections and Disconnections*, delete the following from the first row of the table: "There are no service connections or disconnections required upon transfer of the Fort Hood Wastewater Collection and Treatment System"
- Section J4.10 *Specific Transition Requirements, Table 6 Service Connections and Disconnections*, Add the following transition requirement as the first row of the table.

To the first column under *Location* add:

"Lift Station #s 13083, 1972, 26015, 44014, 6949, 22023, 32031, 30045, 11037, 88016, 90106, 721, 90110, 4115, 9534, 93040, 41012, 38020, 20122, 20141, 50012, 50007, 52387, 20151, 7087, 20148, 53905, 20131, 88018, 20143, 7036, 90049, 8001, 90070, 22019, 51400, 52380, and 48512. "

Add the following text under the Column titled *Description*:

"Required new electric meter.

NOTE: The contractor shall install the new electric meters and the operational responsibility of the electric meters will be that of the electric utility system owner. Contractor shall coordinate with the electric utility owner the transfer of the meters."

- Section J4.10 *Specific Transition Requirements, Table 6 Service Connections and Disconnections*, Add the following transition requirement as the second row of the table.

To the first column under *Location* add:

“Wastewater Treatment Systems at North Fort Hood and BLORA.”

Add the following text under the Column titled *Description*:

“Required new electric meter.

NOTE: The contractor shall install the new electric meters and the operational responsibility of the electric meters will be that of the electric utility system owner. Contractor shall coordinate with the electric utility owner the transfer of the meters.”

- Section J4.11 *Government Recognized System Deficiencies, Table 7 Wastewater System Deficiencies*, the following deficiency for *Lift Station #s 13083, 1972, 26015, 44014, 6949, 22023, 32031, 30045, 11037, 88016, 90106, 721, 90110, 4115, 9534, 93040, 41012, 38020, 20122, 20141, 50012, 50007, 52387, 20151, 7087, 20148, 53905, 20131, 88018, 20143, 7036, 90049, 8001, 90070, 22019, 51400, 52380, and 48512 (1st row in the table)*: Delete the deficiency.
- Section J4.11 *Government Recognized System Deficiencies, Table 7 Wastewater System Deficiencies*, the following deficiency for *Wastewater Treatment Systems at North Fort Hood and BLORA (2nd row in the table)*: Delete the deficiency.
- Section J4.11 *Government Recognized System Deficiencies, Table 7 Wastewater System Deficiencies*, the following deficiency for *Lift Station 4115 and Force Main (6th row in the table)*: Change the text under the Column titled *Deficiency Description* to read as follows:

“This lift station and force main are 60 years old or more and should be replaced. The force main is approximately 0.5 mile in length and is constructed of cast iron pipe.”
- Section J4.11 *Government Recognized System Deficiencies, Table 7 Wastewater System Deficiencies*, the following deficiency for *Lift Station 9534 (7th row in the table)*: Delete the deficiency, the lift station was reconstructed in 2004.

B. All other Terms and Conditions shall remain unchanged and in full force and effect.