



SWEETWATER AUTHORITY

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July 20, 2020

ADDENDUM No. 4

RE: Addendum to Request for Quotation S2020-05 “Walk-By” Meter Reading System

Bid Due – July 29, 2020 by 2:00 PM

Clarification only: This addendum will need to be returned with your bid response.

1) How many Readers go out on your busiest read day? 7? 6? 5?

Answer – 5 would be the most Readers that we would be sending out.

2) Can you clarify the requirement for ‘special characters for meter or maintenance conditions . . .’ listed in the “Functions” section on page 2 of 10? Can you provide examples of ‘special characters’?

Answer – “Special Characters for meter or maintenance conditions – are the numbers that are associated with a maintenance code; for example, if a meter reader put the number 41 in the comments section of the handheld input when reading a particular meter, code 41 would be included in the data file and triggers a message to “Replace a #38 Meter Box Lid”.

3) Can you share a specification document or similar for the “Interface to work with the Authority’s Customer Service Module” listed on pages 2 and 3 of 10?

Answer – Please refer to Attachment “A” of this addendum.

4) We don’t carry the traditional reading unit handhelds, but we do offer a Ruggedized full windows tablet. Would that be acceptable option to propose??

Answer – Yes.

This addendum consists of five page(s). All other terms and conditions remain unchanged. All questions concerning the bid specification or Scope of Work must be submitted in writing either by mail, facsimile, or e-mail, and received no later than the date noted in the above referenced RFQ.

Sylvia McCain
Procurement Specialist

Fax # (619) 427-9574 or Email to Purchasing@sweetwater.org

Enclosure: as cited



Attachment "A" to Addendum No. 4

Utility Billing System - AMR Import/Export Data File Layout Specification 2020

Last Updated by CN 07/20/20

Download File exchange from Utility Billing System to AMR Handheld Device (Page 1 of 2)

File Type: Fixed length
 File Header: Yes
 Record Length: 276 characters / One record per line
 File Encoding: UTF-8
 EOL Character: <CR><LF>

Header Record (Row 1)

Position	Length	Type	Format Mask	Description
1	3	numeric	999	Route Number
4	1			Filler space
5	4	numeric	9999	Number of Data Records in file (excluding the Header Record)
9	1			Filler space
10	16			Spaces (reserved for <i>Meter Reader Initials</i> on Upload)
26	249			Filler space
275	1	alpha	X	"X" is End-Of-Line character for AMR fixed-length file.

Data Records (Rows 2+)

Position	Length	Type	Format Mask	Description
1	4	numeric	0999	Zero Left-padded Record Number
5	30	alpha		Service Address
35	5	alpha	9/9 or 9 or 9-9/9 or 99	Meter Size (possible values are 5/8, 1, 1-1/2, 2, 4, 6, 8, 10)
40	10	numeric	9999999999	Meter Number
50	40	alpha		Meter Reader Notes
90	6			Spaces (reserved for <i>Consumption</i> on Upload)
96	6	numeric	0999999	Zero Left-padded Previous Read
102	6	alpha	XXXXXX	Six "X" characters (reserved for <i>Current Read</i> on Upload from AMR)
108	2			Spaces (reserved for <i>Service Code</i> on Upload from AMR)
110	2			Spaces (reserved for <i>Service Code 2</i> on Upload from AMR)
112	40			Spaces (reserved for <i>Meter Reader Comments</i> on Upload from AMR)
152	19			Filler space (Label)
171	1			Filler space (Print Flag)
172	10			Filler space (Miscellaneous)
182	20	alpha		Customer Account Name
202	12	alpha	9999999	Customer Account Number
214	6	numeric	0999999	Zero Left-padded High Usage
220	6	numeric	0999999	Zero Left-padded Low Usage
226	1			Space (reserved for <i>Force Flag / Entry Type</i> on Upload from AMR)
227	6			Filler space (Date Field)
233	6			Space (reserved for <i>Read Time</i> on Upload from AMR)
239	1			Filler space (Count Changes)
240	1	numeric	9	Register (Current Meter Count for multi-meter accounts)
241	6	numeric	0999999	Zero Left-padded Last Usage value for comparison

Download File exchange from Utility Billing System to AMR Handheld Device (Page 2 of 2)

Utility Billing System - AMR Import/Export Data File Layout Specification 2020
 Last Updated by CN 07/20/20

Position	Length	Type	Format Mask	Description
247	1			Filler space
248	6	numeric	0999999	Zero Left-padded 2 nd to Last Usage value for comparison
254	1			Filler space
255	6	numeric	0999999	Zero Left-padded 3 rd to Last Usage value for comparison
261	6	numeric	0999999	Zero Left-padded 13 th to Last Usage (previous year's value for comparison)
267	8	numeric		Service Number
275	1	alpha	X	"X" is End-Of-Line character for AMR fixed-length file.

Utility Billing System - AMR Import/Export Data File Layout Specification 2020
Last Updated by CN 07/20/20

Upload Fixed-Length file from AMR Handheld Device to Utility Billing System (Page 1 of 2)

File Type: Fixed length
File Header: Yes
Record Length: 276 characters / One record per line
File Encoding: UTF-8
EOL Character: <CR><LF>

The Read Date for each route is currently entered by staff on the Utility Billing System when program is run and its value is used to populate the individual account Meter Read.

† These fields are currently read by the Utility Billing System.

* The value is from file returned from AMR System is not read by Utility Billing System but calculated within programming code. See System Analyst for details.

Header Record (Row 1)

Position	Length	Type	Format Mask	Description
1	3	numeric	999	Route or Book Number †
4	1			Filler space
5	4	numeric	9999	Number of Data Records in file (excluding Header Record)—not read by Utility Billing System
9	1			Filler space
10	3	alpha		Meter Reader Initials †
13	262			Filler space
275	1	alpha	X	"X" is End-Of-Line character for AMR fixed-length file.

Data Records (Rows 2+)

Position	Length	Type	Format Mask	Description
1	4	numeric	0999	Zero Left-padded Record Number
5	30	alpha		Service Address
35	5	alpha	9/9 or 9 or 9-9/9 or 99	Meter Size (possible values are 5/8, 1, 1-1/2, 2, 4, 6, 8, 10)
40	10	numeric	9999999999	Meter Number
50	40	alpha		Meter Reader Notes
90	6	numeric	099999	Consumption (<i>not read by Utility Billing System</i>) *
96	6	numeric	099999	Zero Left-padded Previous Read
102	6	numeric	099999	Current Read †
108	2	numeric	99	Service Code (has 2 dashes if not applicable) †
110	2	numeric	99	Service Code 2 (has 2 dashes if not applicable) †
112	40	alpha		Meter Reader Comments †
152	19			Filler space
171	1			Filler space
172	10			Filler space
182	20	alpha		Customer Account Name
202	12	alpha	9999999	Customer Account Number †
214	6	numeric	0999999	Zero Left-padded High Usage
220	6	numeric	0999999	Zero Left-padded Low Usage
226	1	alpha	F	Force Flag / Entry Type †
227	6	numeric		Filler space

Upload Fixed-Length file from AMR Handheld Device to Utility Billing System (Page 2 of 2)

Utility Billing System - AMR Import/Export Data File Layout Specification 2020
Last Updated by CN 07/20/20

Position	Length	Type	Format Mask	Description
233	6	numeric	HHMMSS	Read Time without delimiters †
239	1			Filler space
240	1	numeric	9	Register (Current Meter Count for multi-meter accounts) †
241	6	numeric	0999999	Zero Left-padded Last Usage
247	1			Filler space
248	6	numeric	0999999	Zero Left-padded 2 nd to Last Usage value for comparison
254	1			Filler space
255	6	numeric	0999999	Zero Left-padded 3 rd to Last Usage value for comparison
261	6	numeric	0999999	Zero Left-padded 13 th to Last Usage (previous year value for comparison)
267	8	numeric		Service Number
275	1	alpha	X	"X" is End-Of-Line character for AMR fixed-length file.