



TOWN COUNCIL AGENDA

SPECIAL MEETING

MAY 31, 2019 @ 5 p.m.

CALL TO ORDER – Mayor Bloszinsky

Purpose of this special meeting is to consider a bid recommendation of a vender and award of contract for the water meter replacement project. The mayor called for this meeting on Wednesday, May 22, 2019.

Notice of this meeting was posted at Town Hall and on the town's website on Wednesday, May 22nd.

CONSIDERATION OF AWARD OF CONTRACT

Staff recommends council accept the recommendation of Engineering Services and award the contract.

ADJOURNMENT

Motion to adjourn



MEMO

To: Town Council
From: Jim Mesimer, Public Works Director
Subject: Vendor bids for water meter replacement
Date: May 31, 2019

I recommend Honeywell/Itron meter system with Vanguard Utilities Services, Inc. Even though this is not the lowest bid, according to the engineer and my thoughts, this is the best system for coastal environments and other coastal towns have had success with this system. We believe it to be the best on the east coast.



Jim Mesimer



ENGINEERING SERVICES, PA

1202 Benson Road
Suite 200
P.O. Box 1849
Garner, NC 27529

Telephone:
919.662.7272

Fax:
919.662.7320

May 30, 2019

Mr. Jimmy Mesimer
Public Works Director, Town of Kure Beach
117 Settlers Lane
Kure Beach, NC 28449

RE: Meter Replacement & AMR System Project
Award Letter & Bid Tabulation
Engineering Services Project No. 18027

Dear Mr. Mesimer:

On May 28th, three (3) bids for the Kure Beach Meter Replacement and Automatic Meter Reading System project were received. The results of the bids are noted in the attached bid tabulation.

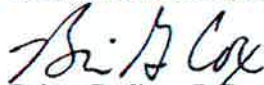
Below is a chart showing the low bid contractors for the three (3) meter and AMR systems:

Low Bid Contractor	Honeywell/Itron Meter System	Neptune Meter System	Sensus Meter System
Vanguard Utilities Service, Inc.	\$1,239,439.42		
Herring-Rivenbark, Inc.		\$1,137,850.00	\$1,354,065.00

The licensing status and references of both contractors have been reviewed. We have found no issues with their ability to perform and complete the work required for this project. It is my recommendation to award the project to the lowest bid contractor for the metering system that is selected by the Town of Kure Beach staff, contingent upon, finance approvals and the Town Attorney and Town Staff approval of the contract documents.

If you have any questions, please contact me at Engineering Services, P.A. at (919) 662-7272.

Sincerely,
ENGINEERING SERVICES, P.A.


Brian G. Cox, P.E.

enc:

Cc: Ms. Nancy Avery, Town Clerk, Town of Kure Beach, w/enc.
Mr. Arlen Copenhaver, Town of Kure Beach, w/enc.

**TOWN OF KURE BEACH
WATER METER REPLACEMENT & AMR SYSTEM
BID TABULATION
May 28, 2019**

BIDDING CONTRACTOR: VANGUARD UTILITY SERVICES, INC.

BIDDING CONTRACTOR: <u>VANGUARD UTILITY SERVICES, INC.</u>				HONEYWELL/TRON		NEPTUNE		SENSUS	
Item No.	Procedure and/or Materials	Unit Qty	Units	Unit Price	TTL Price	Unit Price	TTL Price	Unit Price	TTL Price
1	Replace Exist 5/8"x3/4" Res Water Mtr w/ 5/8"x3/4" AMR Meter	25	EA	\$ 275.93	\$ 6,898.25	\$ 242.69	\$ 6,067.25	\$ 354.32	\$ 8,858.00
2	Replace Exist Res Water Mtr w/ 5/8"x3/4" AMR Meter w/Retrosetter & Dual Check Valve	2,235	EA	\$ 435.29	\$ 972,873.15	\$ 423.49	\$ 946,500.15	\$ 510.82	\$ 1,141,682.70
3	Replace Exist 1" Water Meter w/1" AMR Meter	1	EA	\$ 363.68	\$ 363.68	\$ 387.22	\$ 387.22	\$ 450.26	\$ 450.26
4	Replace Exist 1" Water Meter w/1" AMR Meter w/Retrosetter & Dual Check Valve	11	EA	\$ 642.79	\$ 7,070.69	\$ 662.90	\$ 7,291.90	\$ 726.03	\$ 7,986.33
5	Replace Existing 1.5" Water Mtr with 1.5" AMR Meter, Threaded Connections	1	EA	\$ 2,698.16	\$ 2,698.16	\$ 1,222.31	\$ 1,222.31	\$ 2,072.21	\$ 2,072.21
6	Replace Existing 1.5" Water Mtr with 1.5" AMR Meter, Threaded Connections, Custom Setter w/Bypass & Dual Check Valve	9	EA	\$ 4,057.70	\$ 36,519.30	\$ 2,405.47	\$ 21,649.23	\$ 3,055.01	\$ 27,495.09
7	Replace Existing 2" Water Mtr with 2" AMR Meter, Flanged Connections	33	EA	\$ 2,643.69	\$ 87,241.77	\$ 934.29	\$ 30,831.57	\$ 2,059.86	\$ 67,975.38
8	Replace Existing 2" Water Mtr with 2" AMR Meter, Flanged Connections w/Custom Setter w/Bypass & Dual Check Valve	1	EA	\$ 4,342.31	\$ 4,342.31	\$ 2,658.98	\$ 2,658.98	\$ 3,429.79	\$ 3,429.79
9	Convert Existing 2" Electromagnetic Water Mtr with AMR module	1	EA	\$ 616.89	\$ 616.89	\$ 3,078.85	\$ 3,078.85	\$ 1,956.54	\$ 1,956.54
10	Replace Exist Meter Box for 3/4" to 1" Meters	1	EA	\$ 196.54	\$ 196.54	\$ 196.54	\$ 196.54	\$ 196.54	\$ 196.54
11	Replace Exist Meter Box for 1.5" to 2" Meters	1	EA	\$ 474.55	\$ 474.55	\$ 474.55	\$ 474.55	\$ 474.55	\$ 474.55
12	Asphalt Cut Replacement	50	SY	\$ 244.34	\$ 12,217.00	\$ 244.34	\$ 12,217.00	\$ 244.34	\$ 12,217.00
13	Concrete Cut Replacement	50	SY	\$ 244.34	\$ 12,217.00	\$ 244.34	\$ 12,217.00	\$ 244.34	\$ 12,217.00
14	AMR System Software & Data Collection Hardware	1	LS	\$ 24,570.00	\$ 24,570.00	\$ 31,087.59	\$ 31,087.59	\$ 32,175.00	\$ 32,175.00
15	AMR System Training	1	LS	\$ 8,892.00	\$ 8,892.00	\$ 2,064.71	\$ 2,064.71	\$ 2,925.00	\$ 2,925.00
16	AMR System Annual Fee	1	LS	\$ 3,538.08	\$ 3,538.08	\$ 6,201.00	\$ 6,201.00	\$ 6,201.00	\$ 6,201.00
17	AMR Customer Web Portal Setup Fee	1	LS	\$ 9,085.05	\$ 9,085.05	\$ 9,711.00	\$ 9,711.00	\$ 8,190.00	\$ 8,190.00
18	AMR Customer Web Portal Training	1	LS	\$ 4,095.00	\$ 4,095.00	\$ 3,899.61	\$ 3,899.61	\$ 2,340.00	\$ 2,340.00
19	AMR Customer Web Portal Annual Fee	1	LS	\$ 10,530.00	\$ 10,530.00	\$ 11,100.00	\$ 11,100.00	\$ 9,800.00	\$ 9,800.00
20	Mobilization (3% Max)	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00
TOTAL BID:					\$ 1,239,439.42		\$ 1,143,856.46		\$ 1,383,642.39

**TOWN OF KURE BEACH
WATER METER REPLACEMENT & AMR SYSTEM
BID TABULATION
May 28, 2019**

BIDDING CONTRACTOR: T & H CONSTRUCTION OF NC, INC.

BIDDING CONTRACTOR: T&H CONSTRUCTION OF NC				HONEYWELL/TRON		NEPTUNE		SENSUS	
Item No.	Procedure and/or Materials	Unit Qty	Units	Unit Price	TTL Price	Unit Price	TTL Price	Unit Price	TTL Price
1	Replace Exist 5/8"x3/4" Res Water Mtr w/ 5/8"x3/4" AMR Meter	25	EA	\$ 400.00	\$ 10,000.00	\$ 358.00	\$ 8,950.00	\$ 474.52	\$ 11,863.00
2	Replace Exist Res Water Mtr w/ 5/8"x3/4" AMR Meter w/Retrosetter & Dual Check Valve	2,235	EA	\$ 550.00	\$ 1,229,250.00	\$ 505.40	\$ 1,129,569.00	\$ 626.47	\$ 1,400,160.45
3	Replace Exist 1" Water Meter w/1" AMR Meter	1	EA	\$ 500.00	\$ 500.00	\$ 560.00	\$ 560.00	\$ 924.56	\$ 924.56
4	Replace Exist 1" Water Meter w/1" AMR Meter w/Retrosetter & Dual Check Valve	11	EA	\$ 800.00	\$ 8,800.00	\$ 720.00	\$ 7,920.00	\$ 1,182.15	\$ 13,003.65
5	Replace Existing 1.5" Water Mtr with 1.5" AMR Meter, Threaded Connections	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 990.00	\$ 990.00	\$ 2,339.76	\$ 2,339.76
6	Replace Existing 1.5" Water Mtr with 1.5" AMR Meter, Threaded Connections, Custom Setter w/Bypass & Dual Check Valve	9	EA	\$ 4,710.00	\$ 42,390.00	\$ 2,412.14	\$ 21,709.26	\$ 4,408.76	\$ 39,678.84
7	Replace Existing 2" Water Mtr with 2" AMR Meter, Flanged Connections	33	EA	\$ 3,400.00	\$ 112,200.00	\$ 1,313.71	\$ 43,352.43	\$ 2,487.38	\$ 82,083.54
8	Replace Existing 2" Water Mtr with 2" AMR Meter, Flanged Connections w/Custom Setter w/Bypass & Dual Check Valve	1	EA	\$ 5,200.00	\$ 5,200.00	\$ 2,970.69	\$ 2,970.69	\$ 4,500.00	\$ 4,500.00
9	Convert Existing 2" Electromagnetic Water Mtr with AMR module	1	EA	\$ 800.00	\$ 800.00	\$ 3,657.65	\$ 3,657.65	\$ 1,983.38	\$ 1,983.38
10	Replace Exist Meter Box for 3/4" to 1" Meters	1	EA	\$ 700.00	\$ 700.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
11	Replace Exist Meter Box for 1.5" to 2" Meters	1	EA	\$ 800.00	\$ 800.00	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00
12	Asphalt Cut Replacement	50	SY	\$ 100.00	\$ 5,000.00	\$ 100.00	\$ 5,000.00	\$ 100.00	\$ 5,000.00
13	Concrete Cut Replacement	50	SY	\$ 100.00	\$ 5,000.00	\$ 100.00	\$ 5,000.00	\$ 100.00	\$ 5,000.00
14	AMR System Software & Data Collection Hardware	1	LS	\$ 25,620.00	\$ 25,620.00	\$ 32,416.11	\$ 32,416.11	\$ 33,550.00	\$ 33,550.00
15	AMR System Training	1	LS	\$ 9,272.00	\$ 9,272.00	\$ 2,152.94	\$ 2,152.94	\$ 3,050.00	\$ 3,050.00
16	AMR System Annual Fee	1	LS	\$ 3,689.28	\$ 3,689.28	\$ 6,466.00	\$ 6,466.00	\$ -	\$ -
17	AMR Customer Web Portal Setup Fee	1	LS	\$ 9,473.30	\$ 9,473.30	\$ 10,126.00	\$ 10,126.00	\$ 8,540.00	\$ 8,540.00
18	AMR Customer Web Portal Training	1	LS	\$ -	\$ -	\$ 4,066.26	\$ 4,066.26	\$ 2,440.00	\$ 2,440.00
19	AMR Customer Web Portal Annual Fee	1	LS	\$ 12,663.60	\$ 12,663.60	\$ 13,542.00	\$ 13,542.00	\$ 11,956.00	\$ 11,956.00
20	Mobilization (3% Max)	1	LS	\$ 44,530.74	\$ 44,530.74	\$ 38,989.45	\$ 38,989.45	\$ 48,821.19	\$ 48,821.19
TOTAL BID:									
					\$ 1,528,888.92		\$ 1,338,637.79		\$ 1,676,194.37