

EXHIBIT B

Documents, and will have the authority to reject materials or suspend the Work until any questions at issue can be referred to and decided by the County. The Contractor(s) will be immediately notified in writing of any such suspension of the Work and such notice will state in detail the reasons for the suspension. The presence of the inspector or other designee will in no way lessen the responsibility of the Contractor(s).

- 13.5. The Contractor(s) shall perform work as instructed to assure the scheduled progress and it shall cooperate fully with the County and with other Contractors at Work in the vicinity.

END OF SPECIFICATIONS

BID FORM

Business Name: National Metering Services, Inc.

(This name must match the name on your current W9 Form. The W9 will be requested at the time of award.)

A. Item No.	B. Annual Estimated Quantity	C. Description	D. Unit	E. Labor Rate	E. Estimated Annual Price (B x E)
1.	1000	Dual Check Backflow Preventer / 1 Replacement – Labor Only (as per Specifications)	Each	\$90.00	\$90,000.00
2.	250	Complete change out ¾" AMR/AMI Meter w/ Endpoint and installation of new ¾"-1.0" Dual Check	Each	\$105.00	\$26,250.00
3.	250	Complete change out 1.0" AMR/AMI Meter w/ Endpoint and installation of new ¾"-1.0" Dual Check	Each	\$105.00	\$26,250.00
4.	3000	Complete change out ¾" AMR/AMI Meter w/ Endpoint and replacement of existing ¾"-1.0" Dual Check	Each	\$78.00	\$234,000.00
5.	500	Complete change out 1.0" AMR/AMI Meter w/ Endpoint and replacement of existing ¾"-1.0" Dual Check	Each	\$78.00	\$39,000.00
6.	500	Change out – Remove and replacement of Endpoint only and installation of new ¾"-1.0" Dual Check	Each	\$70.00	\$35,000.00
7.	500	Change out – Remove and replacement of Endpoint only and change out of existing ¾"-1.0" Dual Check	Each	\$70.00	\$35,000.00
8.	500	Change out – Remove and replacement of Potable Meter Endpoint only	Each	\$38.00	\$19,000.00

A. Item No.	B. Annual Estimated Quantity	C. Description	D. Unit	E. Labor Rate	E. Estimated Annual Price (B x E)
9.	500	Change out – Remove and replacement of Reclaim Meter Endpoint only	Each	\$49.00	\$24,500.00
10.	500	Retro fit – consist of installation of new ¾"-1.0" Dual Check Valve on existing meter	Each	\$90.00	\$45,000.00
11.	14000	Complete change out – Consist of ¾" Potable AMR/AMI Meter with Endpoint	Each	\$49.00	\$686,000.00
12.	3000	Complete change out – Consist of ¾" Reclaim AMR/AMI Meter with Endpoint	Each	\$49.00	\$147,000.00
13.	100	Complete change out – Consist of 1.0" Potable AMR/AMI Meter with Endpoint	Each	\$49.00	\$4,900.00
14.	100	Complete change out – Consist of 1.0" Reclaim AMR/AMI Meter with Endpoint	Each	\$49.00	\$4,900.00
15.	100	Complete change out – Consist of 1.5" Potable AMR/AMI Meter with Endpoint	Each	\$115.00	\$11,500.00
16.	100	Complete change out – Consist of 1.5" Reclaim AMR/AMI Meter with Endpoint	Each	\$115.00	\$11,500.00
17.	100	Complete change out – Consist of 2.0" Potable AMR/AMI Meter with Endpoint	Each	\$120.00	\$12,000.00
18.	100	Complete change out – Consist of 2.0" Reclaim AMR/AMI Meter with Endpoint	Each	\$120.00	\$12,000.00

A. Item No.	B. Annual Estimated Quantity	C. Description	D. Unit	E. Labor Rate	E. Estimated Annual Price (B x E)
19.	1500	Replace Meter Box	Each	\$ <u>30.00</u>	\$ <u>45,000.00</u>
20.	10000	Labor Only – Manual Meter Reading AMR/AMI	Each	\$ <u>1.00</u>	\$ <u>10,000.00</u>
21.	10000	Labor Only – Verification of Meter Serial Numbers and End Points AMR/AMI	Each	\$ <u>1.00</u>	\$ <u>10,000.00</u>
22.	1	Annual Contingency Allowance for Materials/Parts/3 rd Party Services not covered within these specifications. Authorization in writing, by the Pasco County Representative, is required, prior to start of the work.	Each	\$500,000.00	\$500,000.00
GRAND TOTAL					\$ <u>2,028,800.00</u>

Start Work 10 calendar days upon receipt of Notice to Proceed

For hard copies, it is not necessary to return every page of this document with the bid; return only the pages that require signatures or information as listed.

Pasco County reserves the right to award multiple and different bidders for each completed section with qualifications submitted with this bid form.

BIDDER QUESTIONNAIRE

Bidder's Name National Metering Services, Inc.

Bidder's Address 116 Center Street Daytona FL 32117

Telephone No. 888-448-0009 FAX No. 201-246-1115

Number of years in this type of service? 27 Years

Number of years authorized to do business in the State of Florida 19 Years

Number of employees "ON THE JOB" each day? 85 throughout the service area

Will you subcontract any part of this work? If so give details:

No subcontractors to be used

List all equipment, which will be available upon commencement of the agreement to perform the required service.

Service vehicles, and hand tools, fittings and gaskets

Work orders and data management

Do you currently hold any municipality/county contracts? Yes x
No _____

If so, what municipalities/counties?

Marion County Meter Upgrade program, Brevard County Meter & Back flow Furnish and Install

Project, St Cloud meter upgrade program, Orange County Meter Replacement, Pasco County Backflow installation

See attached

Copies of all licenses and certifications held to meet State and Local requirements must be submitted with this bid. Type of License (s) /Certification (s):

Certified Underground and Utility & Excavation Contractor License - Backflow Testing Certification

List three references of firms receiving similar service to that requested in this bid.

See Attached Schedule

1. Firm Marion County FL Telephone No. 352-572-6309
Contact Josh Kramer

2. Firm Indian River County Telephone No. 772-226-1832
Contact Cindy Corrente

3. Firm Hillsboro County Telephone No. 813-612-7725
Contact Gary Hunter

LIST OF TECHNICIANS

The following are technicians to be employed by the Bidder and the approximate percentage of the total work to be performed by each.

Name and Address	Description of Work	Years of Experience
<u>James VanDussen</u>	<u>Project Manger - Installer</u>	<u>5</u>
<u>Devin Van Dussen</u>	<u>Installation Technician</u>	<u>4</u>
<u>Austin Church</u>	<u>Installation Technician</u>	<u>4</u>
<u>Matt Hartman</u>	<u>Installation Technician</u>	<u>5</u>
<u>Kelly Dever</u>	<u>Supervisor Field Services</u>	<u>15</u>
<u>Brandon Ordinez</u>	<u>Installation Technician</u>	<u>2</u>
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BIDDER'S MAJOR EQUIPMENT LIST

To enable the Owner to evaluate the Bidder's qualifications to perform the work the Bidder shall list in the space below or include a separate list of its equipment and proposed subcontractor's equipment proposed for use in performing the work.

Make, Model Year	Owned or Leased	Condition	Availability for this Project
	See Attached		

Schedule of owned vehicles and equipment

Year	Description/Capicity	Condition	Quantity	Value	Extended
2000	20 station meter test bench	Excellent	5	\$ 28,000.00	\$ 140,000.00
2002	Versa Probe Meter programming unit	New	15	\$ 2,900.00	\$ 43,500.00
2000	Ramar Mobile radio reading unit	Good	1	\$ 9,000.00	\$ 9,000.00
2005	M Scope Box Locater	New	2	\$ 1,500.00	\$ 3,000.00
1999	Curb Box Locater (Pin)	Good	6	\$ 900.00	\$ 5,400.00
2003	Freeze Master (electric)	New	8	\$ 1,600.00	\$ 12,800.00
2001	Freeze Master (Co2 - gas)	Good	1	\$ 850.00	\$ 850.00
2002	Curb box keys	Good	85	\$ 1,200.00	\$ 102,000.00
2005	Portable Large Meter Tester	Good	8	\$ 7,500.00	\$ 60,000.00
2004	Handheld Testers	Good	80	\$ 2,400.00	\$ 192,000.00
2004	4" Centrifugal Pumps	New	2	\$ 600.00	\$ 1,200.00
2006	24 station meter test bench	New	1	\$ 30,000.00	\$ 30,000.00
2006	Versa probe reading equipment	Good	18	\$ 1,850.00	\$ 33,300.00
2006	Nortrop Grumman hand-helds	Excellent	10	\$ 2,350.00	\$ 23,500.00
2009	Meter Master Data Profiler	New	10	\$ 4,500.00	\$ 45,000.00
2009	Trimble Handheld w/GPS & software	New	5	\$ 5,600.00	\$ 28,000.00
2009	Flow Metrix/Itron Leak Correlators (Digicore)	New	1	\$ 22,000.00	\$ 22,000.00
2006	Neptune Field Programmars	Good	3	\$ 7,500.00	\$ 22,500.00
2006	Sensus Portable Large Meter Tester	Excellent	2	\$ 8,500.00	\$ 17,000.00
2009	RD7000 Radio Detection Water Service Depth Locator	New	1	\$ 4,800.00	\$ 4,800.00
2008	Portable Mars Co Large Meter Tester	Excellent	1	\$ 7,000.00	\$ 7,000.00
2011	Trimble Handheld w/GPS & software	New	8	\$ 5,600.00	\$ 44,800.00
2012	Sensus 5500 Handheld	New	5	\$ 8,500.00	\$ 42,500.00
2013	Trimble Handheld w/GPS & software	New	4	\$ 5,600.00	\$ 22,400.00
2014	Trimble Handheld w/GPS & software	New	4	\$ 5,600.00	\$ 22,400.00
2018	Neptune Belt Clip Meter reading and testing unit	New	16	\$ 2,800.00	\$ 44,800.00
2018	Large Meter Test Bench 8 Station 3" - 10" Capicity	New	1	\$ 67,000.00	\$ 67,000.00
	Equipment - Heavy				
Various	Fork Lift 1.5 ton cap	Used	8	\$ 6,000.00	\$ 48,000.00
2003	Case 60T Skidloader w/backhoe	New	1	\$ 40,000.00	\$ 40,000.00
2000	110v to 220 Volt Portable Generator	Good	4	\$ 1,200.00	\$ 4,800.00
2003	220v mig welder (Miller)	Good	1	\$ 1,800.00	\$ 1,800.00
2011	Plasma Cutter	Good	2	\$ 1,500.00	\$ 3,000.00
2013	Plasma Cutter	Good	1	\$ 1,700.00	\$ 1,700.00

Vehicles					
1997	Dodge Van 1500 Series	Good	1	\$ 7,200.00	\$ 7,200.00
2001	Dodge Van 3500 Series	Good	1	\$ 9,000.00	\$ 9,000.00
2001	Dodge 1500 HD Pickup	Good	1	\$ 9,800.00	\$ 9,800.00
2001	GMC 2500 Series Pickup	Good	1	\$ 10,200.00	\$ 10,200.00
2007	Ford F 150 Pickup	Very Good	1	\$ 18,500.00	\$ 18,500.00
1998	Ford Series 350 Utility Truck	Very Good	2	\$ 25,000.00	\$ 50,000.00
1999	Chevy Van Series 2500	Good	2	\$ 8,500.00	\$ 17,000.00
2004	Chevrolet Truck 3500 Series	Good	4	\$ 25,000.00	\$ 100,000.00
2005	Chevrolet Pickup Colorado	Good	1	\$ 20,000.00	\$ 20,000.00
2004	Trailer 14 ft	New	1	\$ 4,000.00	\$ 4,000.00
2006	Chevy Van Series 3500	New	4	\$ 30,000.00	\$ 120,000.00
2006	Chevy Box Trucks	New	2	\$ 32,000.00	\$ 64,000.00
2006	Mobile test bench trailer laboratory	Excellent	1	\$ 51,000.00	\$ 51,000.00
2007	Vac-Tron Mobile Vacuum Unit	Excellent	1	\$ 48,000.00	\$ 48,000.00
2001	Ford Series 350 Utility Truck with crane	Good	1	\$ 33,000.00	\$ 33,000.00
2009	GMC 2500 Series Savana Van	New	1	\$ 26,000.00	\$ 26,000.00
2006	Chevy Vans 1500 Series	Good	6	\$ 22,500.00	\$ 135,000.00
2008	Ford Series 450 Utility Truck with crane	Excellent	1	\$ 60,000.00	\$ 60,000.00
2012	Chevy Van Series 2500	New	2	\$ 26,000.00	\$ 52,000.00
2007	Chevy Dump Truck	Good	1	\$ 19,000.00	\$ 19,000.00
2003	Chevy Dump Truck	Good	1	\$ 7,000.00	\$ 7,000.00
2014	GMC 2500 Series Savana Van	New	1	\$ 28,000.00	\$ 28,000.00
2014	Dump Trailer	New	1	\$ 5,200.00	\$ 5,200.00
2014	Dodge Ext Pick Up	New	1	\$ 32,000.00	\$ 32,000.00
2014	GMC 2500 Series Savana Van	New	1	\$ 28,000.00	\$ 28,000.00
2015	Nissan MV 200	New	10	\$ 23,000.00	\$ 230,000.00
2017	Nissan Sentra Service Vehicle	New	10	\$ 21,000.00	\$ 210,000.00
2017	Toyota Corolla Service Vehicle	New	4	\$ 22,000.00	\$ 88,000.00
2017	Volkswagon Jetta Service Vehicle	New	4	\$ 25,000.00	\$ 100,000.00
2017	Dodge Ram 1500	New	6	\$ 35,000.00	\$ 210,000.00
2018	Dodge Ram 2500	New	3	\$ 40,000.00	\$ 120,000.00
2018	Dodge Ram 1500 Pickup	New	2	\$ 47,000.00	\$ 94,000.00
2018	Dodge Ram ProMaster	New	3	\$ 28,000.00	\$ 84,000.00
2018	Isuzu Utility Lift Box Truck	New	1	\$ 75,000.00	\$ 75,000.00

(MUST BE SUBMITTED WITH THE BID FORM AND FULLY EXECUTED)

"We offer to sell/provide Pasco County, Florida, the above item(s) and/or service(s) at the price(s) stated, in accordance with the terms and conditions contained herein. In addition, the item(s) and/or service(s) offered above meet all specifications contained herein or attached, unless otherwise stipulated by exception. This offer to sell/provide is firm for ninety (90) days."

MUST BE SIGNED BY AN OFFICER OF THE FIRM OR INCLUDE WRITTEN PROOF THAT THE INDIVIDUAL SIGNING HAS THE AUTHORITY TO OBLIGATE THE FIRM. FOR SERVICES ONLY - VENDOR MUST BE REGISTERED ON SUNBIZ <http://www.sunbiz.org/index.html> FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS.


(Signature of Bidder—Ink)

William Castle President
(Printed Name and Title)

National Metering Services, Inc
(Business Name)

Receipt of Addendum No. 1 through No. 2 is acknowledged.

Business Name: National Metering Services, Inc
(The Name on File with the Internal Revenue Service)

Doing Business as (Fictitious Name): _____

Business Organization:

Corporation:

Partnership: General Limited

Limited Liability Company (LLC):

State Registered In: New Jersey Year: 1995

Sole Proprietorship: Owner: _____

Other: _____ Fed ID # _____

Local Vendor Preference (Business Tax Receipt Required with Submittal)

Telephone: _____ Facsimile: _____

Email Address: (Vendor Point of Contact): wcastle@nmsnj.com or rverdiramo@nmsnj.com

Address: National Metering Services, Inc.

163 Schuyler Avenue Box 491

Kearny NJ 07032 Date October 21 2022

ADDENDUM TO INVITATION FOR BID

October 25, 2022

TO: Concerned Bidders

RE: Addendum No. 1: **IFB-SN-23-007 – DUAL CHECK VALVE CHANGE OUT PROGRAM SERVICES**

Please make note to the following changes, additions, deletions and clarifications to the above referenced solicitation:

CLARIFICATION

Clarification 1: The question period deadline for this bid is **November 2, 2022, at 1:15p.m.**

QUESTIONS AND ANSWERS

Question 1: Will this work for both times be done at the time of meter installation?

Answer 1: Yes, as well as anything that is reported after installation, we would ask you to re-verify the information.

Question 2: Or is it to be performed as needed for full cycles and routes?

Answer 2: Yes, could be done at this point as well.

Question 3: Or will this be performed on and as needed basis account by account as readings and data are needed – IE similar properties throughout the service territory?

Answer 3: Yes, could be done at this point as well.

Bidders should acknowledge receipt of this addendum on the Bid Form. Failure to acknowledge receipt of this addendum may be cause for rejection. The opening date will remain unchanged.

I appreciate your kind cooperation and regret any inconvenience this may have caused. If there are any additional questions, please contact the Purchasing Department at (727) 847-8194, ext. 8353.

Sincerely,

Kimberlie Miller

Kimberlie Miller
Assistant Purchasing Director

PURCHASING DEPARTMENT

ADDENDUM TO INVITATION FOR BID

November 2, 2022

TO: Concerned Bidders

RE: Addendum No. 2: **IFB-SN-23-007 – DUAL CHECK VALVE CHANGE OUT PROGRAM SERVICES**

Please make note to the following changes, additions, deletions and clarifications to the above referenced solicitation:

QUESTIONS AND ANSWERS

Question 1: Where are the specific sites located?

Answer 1: Various locations in Pasco County.

Question 2: What does the scope of work consist of exactly?

Answer 2: To provide all labor, equipment and incidentals required to perform as needed dual check valve change out program services, as per specifications.

Question 3: How many meter boxes and dual check valves will need concrete demolition and restoration?

Answer 3: Unknown at this time - to date none have required concrete demolition or restoration. This is not a guarantee that none will occur moving forward.

Question 4: How many will require asphalt demolition and restoration?

Answer 4: Unknown at this time - to date none have required asphalt demolition or restoration. This is not a guarantee that none will occur moving forward.

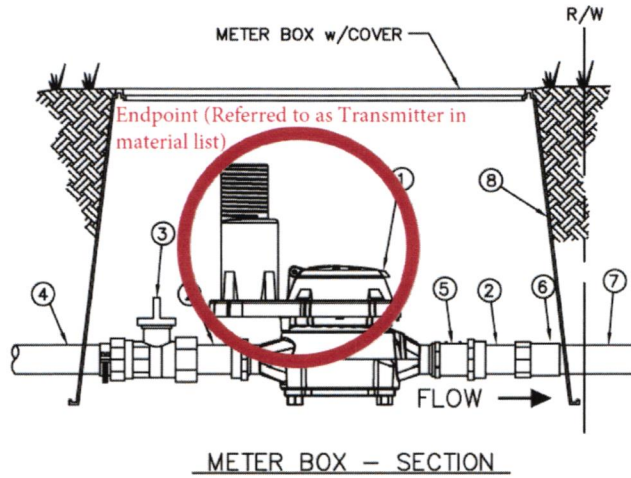
Question 5: How many will require fence removal/replacement?

Answer 5: Unknown at this time - to date none have required fence removal/replacement. This is not a guarantee that none will occur moving forward.

Question 6: Endpoint is continually referred to throughout this solicitation, it is not shown on Exhibit B. Please clarify the endpoint?

PURCHASING DEPARTMENT

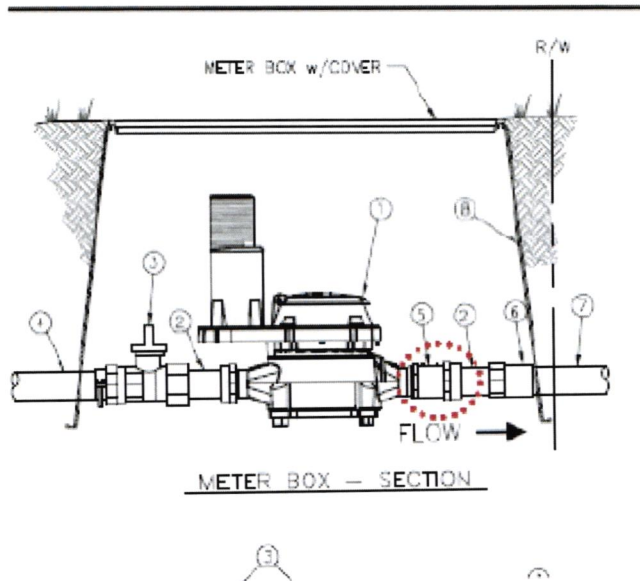
Answer 6: The endpoint is show on Exhibit B and consists of the items contained in the red circle in the image below as part of Exhibit B. The materials list refers to it as transmitter.



M A T E R I A L S		
ITEM	QUANT.	DESCRIPTION
1	1	RECORDALL WATER METER w/ADE & ORION INTEGRAL PIT TRANSMITTER (5/8" x 3/4" RCDL C25 OR 1" RCDL M55)
2	2	METER TAIL, 3/4" OR 1" LONG, BRONZE MULTISIDED, w/RUBBER WASHER

Question 7: Exhibit B also does not show the double check valve. Is there another Exhibit that shows the double check valve?

Answer 7: Exhibit B shows dual check valve #5 – see screen shot below with dotted red circle.



PURCHASING DEPARTMENT

Bidders should acknowledge receipt of this addendum on the Bid Form. Failure to acknowledge receipt of this addendum may be cause for rejection. The opening date will remain unchanged.

I appreciate your kind cooperation and regret any inconvenience this may have caused. If there are any additional questions, please contact the Purchasing Department at (727) 847-8194, ext. 8353.

Sincerely,

Kimberlie Miller

Kimberlie Miller

Assistant Purchasing Director

PURCHASING DEPARTMENT

727.847.8194 | Internal Services Building | 7536 State Street, Suite 221 | New Port Richey, FL 34654

ATTACHMENT A

OFFEROR INFORMATION/CERTIFICATION FORM
(MUST BE INCLUDED WITH OFFEROR'S SUBMISSION)
(This form must be FULLY executed with original authorized signature
and TWO witness signatures)

1. Legal Name of Offeror. Indicate if the Offeror is a Corporation, Joint Venture, Partnership,
etc.:

National Metering Services, Inc.

(This name must match the name on your current W9 Form. The W9 will be requested at the time of award.)

2. Name/title of contact person for the Offeror: William Castle President

3. Business and mailing address: Box 491 Kearny NJ 07032

(If claiming Local Vendor Preference, a valid Local Business Tax Receipt must be provided at the time the response is submitted in order to qualify for such consideration)

4. Primary business and mailing address (if different): Same

5. Telephone number: (888)448-0009 Fax: (201) 246-1831

Email Address: wcastle@nmsnj.com

The above-named Offeror affirms and declares:

- A. That the Offeror understands all requirements of this request and states that as a serious Offeror they will comply with all the stipulations included in this request.
- B. That the Offeror is of lawful age and that no other person, firm or corporation has any interest in this Proposal or in the contract proposed to be entered into except as expressly stated below:
- C. That this proposal is made without any understanding, agreement, or connection with any other person, firm or corporation making a proposal for the same purpose, and is in all respects fair and without collusion or fraud except as expressly stated below:
- D. That the Offeror is not in arrears to the Pasco County Board of County Commissioners upon debt or contract and is not a defaulter, as surety or otherwise, upon any obligation to the Pasco County Board of County Commissioners except as expressly stated below:

- E. That the BIDDER is in compliance with Section 448.095(2), Fla. Stat. requiring CONTRACTOR and its SUBCONTRACTORS to register with and utilize the U.S. Department of Homeland Security’s E-Verify program to verify the work authorization status of all newly hired employees and acknowledges that it will be required to maintain such compliance throughout the term of any Contract entered between the parties. The BIDDER also confirms that no public employer has terminated a contract with the BIDDER for failure to comply with Section 448.095(2), Fla. Stat. (2020) within the 12 months preceding the date this Certification Form is signed by the BIDDER.

- F. That no officer or employee or person whose salary is payable in whole or in part from the COUNTY is, will be or become interested, directly or indirectly, surety or otherwise in this response; in the performance of the resulting contract; in the purchase of supplies, materials, equipment, work and/or labor to which they relate; or in any portion of the profits thereof.

- G. That the Offeror has received and carefully examined all Addenda issued prior to the opening/closing date indicated on the cover.

- H. That by submitting a response, the Offeror certifies that it is not currently debarred from submitting proposals for contracts issued by any political subdivision or agency of the State of Florida and that it is not an agent of a person or entity that is currently debarred from submitting proposals for contracts issued by any subdivision or agency of the State of Florida.

- I. That pursuant to Section 287.087, Florida Statutes, Offerors understands that they may certify in their response that they have implemented a drug free workplace program. If two or more responses are deemed equal, preference will be given in the award process to the Offeror who has furnished such certification with their response.

- J. If claiming Local Vendor Preference, the Offeror certifies that they satisfy each of the following criteria at the time of their submission of a response to the solicitation necessary to qualify as a “Local Business”: a) a vendor, supplier, or contractor who does business in Pasco County by providing goods, services, or construction; and b) maintains a physical business address located within the jurisdictional limits of Pasco County in an area zoned for the conduct of such business; and c) which the vendor, supplier or contractor operates or performs business on a daily basis; and d) has for at least twelve (12) months prior to the bid or proposal opening date; and (e) a copy of their local business tax receipt or qualifies as a business in a neighboring county as listed in the County’s Purchasing Ordinance. Post office boxes shall not be used for the purpose of establishing said physical address.

Please put an “X” in the applicable box or mark N/A

 N/A Local Business located in Pasco County

N/A Business located within Hillsborough, Pinellas, Polk, or Hernando County

This local preference provision is not applicable to those solicitations involving the use of either State or Federal funds as indicated below:

State or Federal Funds Involved N/A (Mark X or N/A as applicable)

Note: If claiming Local Vendor Preference, a valid Local Business Tax Receipt must be provided at the time the response is submitted in order to qualify for such consideration.

K. By signing this Certification, I represent that I have the authority to bind the Offeror for contract purposes and has attached verification of such authorization.

Exceptions to any Contract Provisions and Miscellaneous Declarations (attach additional sheets, if necessary):

None

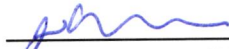
IN WITNESS WHEREOF, this proposal is hereby signed and sealed as of the date indicated.

ATTEST:

OFFEROR:

John Castle

Witness No. 1 - Print Name



Witness No. 1 - (Signature in Ink)

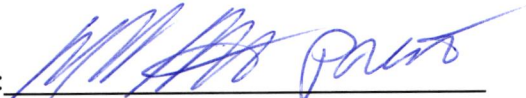
Richard Verdiramo

Witness No. 2 - Print Name



Witness No. 2 - (Signature in Ink)

BY:



(Authorized Signature in Ink)

William Castle

(Printed name of Signatory)

President

(Printed Title of Signatory)

11/10/2022

(Signature Date)

CORPORATE SEAL
(where appropriate)

NOTARY ACKNOWLEDGMENT

STATE OF New Jersey }

} ss

COUNTY OF Hudson }

The foregoing instrument was acknowledged before me by means of [x] physical presence or [] online notarization on this 21st day of October, 2022, by [as applicable, complete one of the choices below]:

FOR A CORPORATION OR LIMITED LIABILITY COMPANY:

[Name] William Castle , who executed the foregoing instrument as [Title] President of [Corporation or Company Name] National Metering Services, Inc, a [check one] [x] corporation [] limited liability company, organized under the laws of [State] NJ , and who severally and duly acknowledged the execution of such instrument as aforesaid on behalf of the corporation or limited liability company.

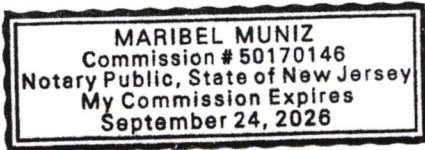
FOR AN INDIVIDUAL ACTING IN HIS OR HER OWN RIGHT:

[Name]

FOR PARTNERSHIP:

[Name] Partner (or Agent), on behalf of [Name of Partnership] , a [State] partnership.

Said person is personally known to me ~~XXXXXX~~ on behalf of [Name, or Name of Corporation, Company, Partnership, Principal, as applicable]:



Maribel Muniz
Signature of person taking acknowledgment

Maribel Muniz
Name typed, printed or stamped

Dispatch Coordinator
Title or rank

1273
Serial number (if any)

Center for Training, Research and Education for Environmental Occupations

Certifies that

Kelly B. Dever

has successfully completed the examinations for

Backflow Prevention Tester Training and Certification

September 19-23, 2022

Certificate of Completion



Date issued: 09/23/2022

Certificate No.: L09-22-15042

Expiration: 09/30/2024

Operator Certification Program

Course#: 04231016

CEU's:

FBPR Construction Licensing Board

Sponsor No.: 0000995

Course #0003509

Classroom Hours: 18.5

FPBE Provider #0004021 30.0 CHE

A handwritten signature in black ink, appearing to read 'Andrew Campbell'.

Andrew Campbell, Director



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

MARTIN, PETER HENRY

NATIONAL METERING SERVICES, INC.
163 SCHUYLER AVE
KEARNY NJ 07032

LICENSE NUMBER: CUC1224998

EXPIRATION DATE: AUGUST 31, 2024

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



163 Schuyler Ave, PO Box 491
 Kearny, NJ 07032
 (201) 246-1115 Fax (201) 246-1831
 Toll Free 1-888-448-0009

Proposal - Cooper City FL

Customer

Name: City of Cooper City FL Attn: Michael Stanton
Address: MStanton@coopercityfl.org
City: Cooper City **State:** FL **ZIP:** _____
Phone: _____ **Fax:** _____

Date: 10-Apr-24
P.O. #: Proposal
Rep: _____
Attn: [Michael Stanton](#)

Item	Qty	Description	Unit Price	TOTAL
4	0	Replacement 3/4" water meter and replacement dual check valve 3/4" - 1"	\$ 78.00	\$ -
2	5500	Change-out 3/4" meter and INSTALLATION of 3/4 - 1" Dual Check* * indicates no dual check valve is in existing meter setting	\$ 105.00	\$ 577,500.00
19	0	Replace Meter Box	\$ 30.00	\$ -
<p>Proposal is for labor only and does not include meters, dual check valves or meter boxes</p>				

Credit Card Payments

Comments _____
 Name _____
 CC # _____
 Expires _____

Office Use Only

National Metering Services, Inc. Your full service meter contractor. Meter sales, service, meter system installation & turnkey packages available. Meter reading and billing services.

▶ Certified Meter Testing ▲ Wi-Fi ▲ Composite Lids ◀

Thank You



163 Schuyler Avenue
P.O. Box 491
Kearny, New Jersey, 07032
1-888-448-0009
www.nmsnj.com

Prepared for:

The City of Cooper City, FL Meter Installation Services

- ❖ Statement of Work
 - Executive Summary
 - Company Overview
 - Experience
 - Managing the Project
 - Installation Procedures
 - Worker and Public Safety
 - Customer Service
 - Data Management
 - Meter Testing
 - Warranty

Executive Summary

National Metering Services, Inc. was incorporated in 1995. William started his career early in the metering industry, when cutting edge metering technology was introduced in the 1980's. He gained valuable experience as meter installation technician for other meter installation companies. William was actively involved with manufacturer's agents for trials and pilot programs. Some of the most sophisticated meter systems of the early Automatic Meter Reading Systems (AMR) era, encoded remote (touch read) and telephone read technology (Hands Off Meter Reading), the forerunners of the present-day AMR were piloted, trialed and installed by William. William has managed several high profile and large turnkey projects before incorporating National Metering Services, Inc. (referenced as NMS), a premier meter installation and service company. National Metering Services, Inc. has emerged in the AMR market as a preferred sub-contract and service company to some of the industry giants. NMS has worked exclusively for Northrop Grumman IT, Northrop Grumman (NGC), Badger Meter Inc., Amco Elster (ABB), Neptune Meter, HD Supply and Sensus Metering Systems as well as a direct contracting source for utility customers.

NMS is a Preferred Installation Contractor for Neptune Technology Group, United Water and American Water.

Company Overview and AMI Experience

National Metering Services, Inc., provides meter installation services for both municipal and private utilities throughout the United States. The projects we have provided services for are diverse in requirements and objectives. NMS has provided full turnkey packages, (supplying both product & services), labor only programs, provided customers with technical assistance in system selection and project planning, specification development with owners and engineers. While experienced in all utility meter types, water, gas and electric, our entrance into AMR market was in the water industry, in the Northeastern part of the US in the early 1980's. This area of the country proved to be the ideal training or proving grounds for installation crews and customer service staff of our firm. Due to the extreme weather conditions in the winter, 90% of utility meters are located inside the customer's home to shelter the meter(s) from the effects of the cold. Because meters are located inside the homes, lock out conditions soon became realized when attempting to read meters by utilities. The results were, lost revenue due to limited actual reads and estimated bills. Employees of NMS are experienced with dealing directly with customers, scheduling appointments and providing a quality installation service.

Although NMS was established servicing the water industry, Gas meter replacement and retro-fit has become another strong area we have excelled in. Over the past 3-1/2 years NMS has replaced over 35,000 gas meters.

National Metering Services, Inc. has partnered with large water utilities to provide services to municipalities as well as to their own water properties. Past and current partners include United Water NJ (Suez), Middlesex Water Company (MSEX), Aqua America NY and American Water Company. NMS has also partnered with meter manufacturers including Badger, Neptune, Sensus, Amco and H.D Supply.

National Metering Services, Inc. is currently partnered with Northrop Grumman as a sub contractor to supply & install 150,000 + gas and water meters for the City of Corpus Christi TX. In addition to the NGC partnership, NMS' skills and resources were tapped by NGC's IT division to install and deploy the city's 147 square mile Wi-Fi system.

National Metering Services, Inc. maintains a staff 100 service professionals and support staff on several projects throughout the United States. Permanent offices are located in Kearny, New Jersey, Clermont FL , Daytona FL, Nanuet NY, Minneola LI, Cinnaminson NJ, and Harrisburg PA. National Metering Services, maintains a fleet of 100 Service and Specialty Vehicles. All staff are equipped with Company owned, equipped and properly labeled vehicles with vehicle number, company name, Samsara Monitoring camera's and GPS/Driver tracking.

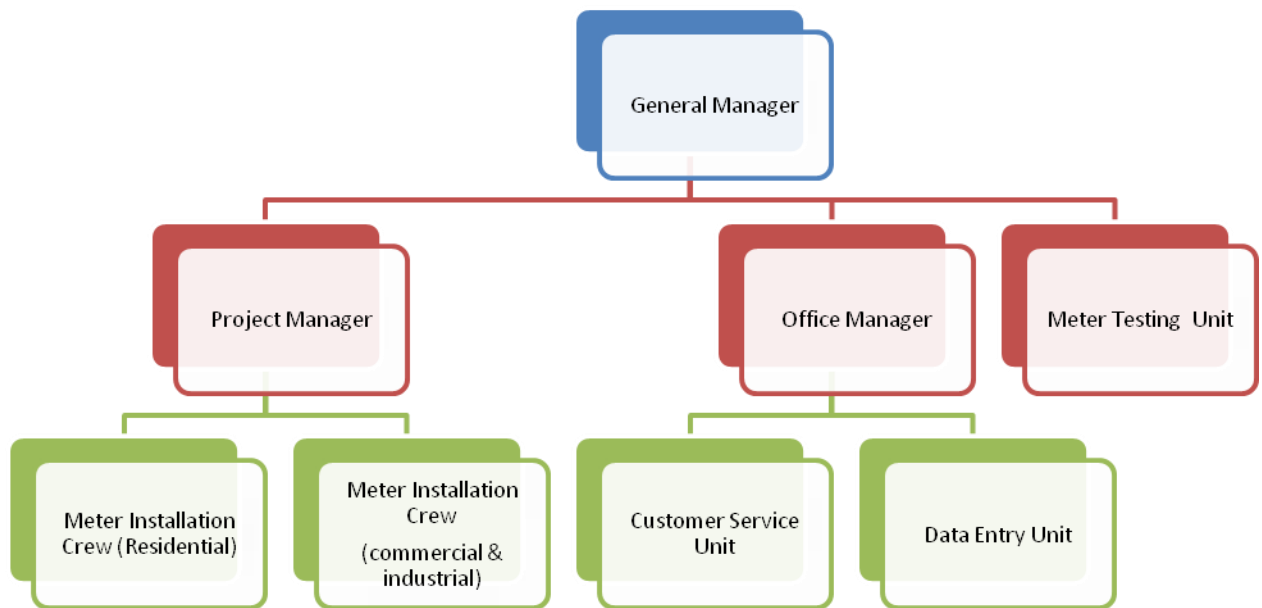
Seeing demand for our AMR systems knowledge and meter installation and testing services, National Metering Services, Inc. recently opened an Office in Krakow, Poland. NMS Europe will supply, install and support Smart Metering Systems for Utilities in Poland and other Eastern European Countries.

For questions or inquiries regarding this response, please address them to:

William Castle, President
National Metering Services, Inc.
163 Schuyler Avenue
Box 491 Kearny NJ 07032
Phone: 201-246-1115 Fax: 201-246-1831
Email: wcastle@nmsnj.com

The following Organizational Chart details proposed staff and description of duties. This chart does not represent the entire staff that would be assigned to the program. As meter quantities are increased and to accommodate project scheduling and material supplies, staffing is adjusted. NMS maintains a ratio of one (1) Field Foreman for every five (5) Installation Technicians.

Proposed Organizational Chart



Project Coordinator – The responsibilities of the Project Coordinator, is assigning tasks to office staff, monitoring customer service unit’s interaction with customers, verifying work order information as entered by data processing unit, supervising work order preparation & customer notices, scheduling of mailings, tracking progress of project by area or route, scheduling follow-up mailings, time record keeping, payroll certification, invoice preparation, execution of required AIA forms. All Project Managers report directly to the Project Coordinator regarding the status of a program, inventory, customer service, field reports etc.

Lead Technician – The Lead Technician is responsible for all interaction with the utility, ordering, cataloging and distribution of inventory materials, assigning and recovering work to & from installers daily. Progress meetings, customer concerns or callbacks, distribution of appointments & schedules, forwarding completed work orders to the data processing center, logging accounts that could not be installed (locked gates & dogs), keeping daily time records of installers hours. The Lead Technician reports directly to the Project Coordinator with daily reports and a weekly summary of installations, and project progress.

Field Foreman – The Field Foreman, is responsible for collection of old meters for testing, verifying exit readings of old meters, re-supply of equipment to installers in the field, provide assistance on difficult installations, survey large meter accounts, freeze service lines when shut down is not possible using existing valves, verify conditions when a unit cannot be installed as reported, locate and operate curb valves for shut down, cover appointments pending if an installer is delayed or has other issues.

Meter Installation Technician – Our Installation Technicians have several years of experience, installing gas meters. NMS has a very low employee turnover rate. Many of our Installers have been with the company over 5 years. The responsibilities of our Meter Installation Technicians are: providing meter installation service by appointment and by solicitation, logging pertinent data on installation order, final reading of meter and serial number confirmation, tagging removed meter with an address verification tag, testing of meter installation with manufacturers test equipment, checking for leaks after installation is complete, verifying service has been restored, updating account records if an account is missing or indicating why the unit cannot be installed as per request.

Data Entry Clerk/Customer Service Representative – Preparing customer notices & work orders from electronic data provided by the Utility, processing completed work orders, processing incomplete work orders by identifying the problem or violation and entering the data into the new customer database, processing meter certification test results and entering results into a comprehensive report, entering test results into the customer database.

Customer service is responsible for scheduling appointments for customers, verifying appointments the day before the scheduled appointment by calling the customer, scheduling appointments through our internet service (E-Appointments), processing daily routes for installers by appointment, processing meter certification data, preparing customized project reports for the Utility relating to project status, un-metered accounts, remaining accounts, violations, theft of service, leaks etc.

William Castle

156 West Newell Ave
Rutherford, New Jersey 07070

PROFESSIONAL HIGHLIGHTS

Jun 1997- Current	National Metering Services, Inc. Principal/President <ul style="list-style-type: none">• Responsible for Operations• Make presentations before City councils.• Responsible for Bid Responses.• Manage Larger projects.	Kearny, NJ
Jul 1989- Jun 1997	Automated Metering Services, Inc. Vice President/General Manager <ul style="list-style-type: none">• Project manager for Newark, NJ meter installation project 93-96.• Responsible for bidding projects and job preparation.• Liaison between City and company management• Attended monthly project meetings with City personnel	Ramsey, NJ
May 1986- Jun 1989	Castle Installation Co. Repair Technician/Manager <ul style="list-style-type: none">• Small meter installation manager.• Assigned workloads to meter crews.• Responsible for HOMER system for Hackensack Water Co. (Now United Water Resources)• Managed crews for installation of over 100,000 meters in the HOMER project.	Jersey CITY, NJ

PROJECTS MANAGED

(Partial List)

Newark, NJ	Alpha, NJ
East Orange, NJ	Elizabeth, NJ
Jersey City, NJ	Lyndhurst, NJ
Harrington Park, NJ	City of Vineland, NJ
West Caldwell, NJ	Verona, NJ
Duncansville, PA	Kissimmee, FL
Celebration, FL	

METER & INSTALLATION QUALIFICATIONS

- Managed the installation of over 250,000 residential water meters.
- Managed the installation of over 5,000 commercial water meters.
- Familiar with all aspects of plumbing.
- Specialist – Residential Meters
- Licensed Contractor for South Carolina
- Certified by Itron and MARS Water

Peter H. Martin, P.E.

301 Horton Grove Rd.,
Fort Mill, SC 29715

SUMMARY: Twenty five years experience managing water, sewer, and gas construction.
Two years in water utility distribution system management.
Seven years plant maintenance experience.

PROFESSIONAL EXPERIENCE:

2009 - Present National Metering Services, Inc., Kearny, NJ

Project Manager Crisfield MD Water Meter Upgrade and Large Diameter Meter Vault Installation Program. Managed and supervised crews installing residential water meters and commercial meters. Supervised and installed 14 large diameter meter vaults along the City/County line where interconnects were unmetred.
Prior to Crisfield MD project – Project Manager for Asheville NC meter upgrade. 25,000 units were installed and read with Hersey water meters and RF “HotRod” AMR.

2005-2009 REYNOLDS INLINER, LLC (f/k/a American Water Services), Ft.

Lauderdale, FL. Business Unit Director. Started as Engineering Project Manager over capital improvement projects of water/sewer for Military Services Group, then became Business Unit Director for Southeast Region managing sewer rehabilitation business. Responsible for engineering, estimating and regional management of cured-in-place sewer lining operation for AL, GA, and TN. Transferred in 2008 to manage the South Florida region.

1999-2004 THE HALLEN CONSTRUCTION CO., INC., Island Park, NY

Asst. VP of Engineering and Project Manager – Special Projects.
Responsible for engineering, estimating, and project management for a contractor performing gas distribution system maintenance and gas pipeline installation. Projects include: installation of 18,000lf of 26” steel gas main in Long Island, NY; 10 million dollar natural gas metering and regulating station for a gas transmission pipeline connecting to Con Edison in the Bronx, NY.

1995-1999 MIDDLESEX WATER CO., Iselin, NJ

Employed as Director of Distribution/Maintenance for an investor owned public water utility. Responsible for the supervision of the maintenance of the water distribution system serving over 57,000 customers with 600 miles of water mains. Staff included 28 people in distribution maintenance, 5 in transportation maintenance and 3 office personnel.

1975-1980 TEXACO, INC., Westville, NJ

Plant Support Engineer for the Petrochemical Department. Responsible for design and cost estimating for non-routine maintenance and process unit shutdown projects.

EDUCATION AND LICENSES:

Lehigh University, 1975, B.S. Civil Engineering, Licensed Professional Engineer in New Jersey-active and Alabama-inactive.
Certified Underground Utility and Excavation Contractor FL – License Number CUC1224998

Thomas Mitchell

24 Malibu Drive
EatonCity, N.J 07724

PROFESSIONAL HIGHLIGHTS

Jul 2005 Current	National Metering Services, Inc. Southern District Project Manager <ul style="list-style-type: none">• Project Manager for the first full scale Sensus fixed network.• Lead tech Large meters in Corpus Christi TX .• Managed several large installation contracts in Florida.• Attended monthly project meetings with city personnel	Kearny, NJ
Mar 1986- Jul 2005	TJM Builders. Owner <ul style="list-style-type: none">• New construction builder.• Assigned workloads to sub contractors.• Installed pre-fabricated houses.• Managed a total of eight full time employees.	Lincroft, NJ
Sep 1980- Mar 1986	Jersey Central Power & Light. Lead Technician <ul style="list-style-type: none">• Responsible for creating dept. of five employees’.• Advisor to the NRC three Mile Island.• Calibration of Radiation detection equipment.• Attended monthly planning meetings with upper management	Oyster Creek
Feb 1978- Jun 1980	I.B.M Electro-mechanical <ul style="list-style-type: none">• Repaired Electronics, Hydraulics & Pneumatics.• Repaired Control Systems.• Attended school.	Fishkill , N.Y

EDUCATION

1974 -1978 Sep 1976- Jun 1978	Christian Brothers Academy High School Devry Technical School. Electronics <ul style="list-style-type: none">• Electronics Degree	Lincroft, N.J Woodbridge, N.J
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Managing the Contract

National Metering Services, Inc. has an unblemished record for conducting business in a timely, efficient and courteous manner. All personnel are proficient, motivated, well trained and highly experienced in their particular field, whether administrative or technical.

This project will always be staffed with a qualified manager of National Metering Services to supervise this project. The manager will always be available via cellular telephone for emergencies as a result related to meter installation services.

To complete this project in the time allotted, particular attention will be paid to the timing and distribution of notifications.

NMS recommends that any and all notices produced by the Utility announcing the project should include National Metering Services, Inc.'s website - www.nmsnj.com. National Metering Services, Inc. provides our website on all customer correspondences, so customers can gain access to additional information about the project in their community and get product data or general information. A webpage dedicated to this project is created and provides customers with project information, samples of uniforms and a statement of work to be performed.

Customer service hours are Monday through Friday 9:00 am to 5:00 pm. Installation hours are Monday through Friday 8:00 am to 5:00 pm.

National Metering Services, Inc. will do the following immediately upon receipt of the Notice to Proceed:

- ✓ Acquire adequate office and storage space to meet contract requirements
- ✓ Install local telephone service and fax machine
- ✓ Install computer system
- ✓ Meet with the Human Resource Manager about local resource pool
- ✓ Conduct background investigation if any candidates are selected for support services
- ✓ Prepare customer notifications

During our regular office hours, 8:00 a.m. to 5:00 p.m., office personnel will handle all customer telephone calls. If for some reason, customer service cannot handle a customer's request, the office manager will personally speak with the customer and resolve the situation. After regular office hours an emergency telephone number is provided through our answering service.

National Metering Services, Inc. will use its regional office located in Northvale, NJ for additional support of a local project office.

The following steps are required to successfully replace a water meter to AMR in a meter box application:

1. Installation technician arrives for meter replacement
2. Technician examines existing conditions of meter setting and takes pre-installation digital photo
3. Technician clears debris (sand, dirt) from meter box and/or de-waters meter pit as required
4. Technician shuts main valve
5. Technician replaces existing meter with a new meter and radio unit.
6. Technician restores water and checks for leak and verifies that there is a watertight seal at the meter fittings.
7. Technician mounts pit receptacle to meter pit lid
8. Technician programs MIU with Manufactures authorized equipment (supplied by NMS) and enters the data into the electronic format and paper work order
9. Technician cleans work area and takes the post installation digital photo
10. Technician completes meter change work order indicating the following: customer account number, read sequence, install date, meter size & type, new meter serial number, new MIU serial number, reading on old meter. Technician purges the water lines from the outside hose spigot (if available).
11. Technician informs the customer of the successful installation. In the event the customer was not home during the installation a Flush the Water line notice will be left at the property.

Account No. _____
Name: _____
Address: _____
Old Meter No. _____ New Meter No. _____
Out Read: _____ Remote #: _____
Remote Loc. _____ Set Reading: _____
Meter Size _____ M.I.U. #: _____
Remarks: _____
Install Date: _____ Installer I.d. _____

Meter Change Order
1-888-448-0009
Meter Change Card Courtesy of National Metering Services, Inc.

Pre-approved Schedule

The Utility will be provided with a schedule of work from NMS which will contain proposed site locations and timetables prior to the commencement of any work. To reduce the possibility of interfering with meter reading schedules, the schedule will be updated on a monthly basis and submitted to the Utility for discussion and approval. The schedule will be in a sequence approved by the Utility.

Installation

Scheduling will be done so as to minimize interference with ongoing meter reading and billing schedules.

NMS will assist the Utility in developing a written notice to residents to be mailed in advance of the work commencing and explaining the purpose of the contact. NMS will create a webpage detailing the Meter Modernization Project. NMS will reciprocate web links with the Utility. All printed material provided by NMS to customers will be pre-approved by the Utility and will provide our web address and toll-free numbers. Customers may obtain additional program information by calling us or visiting the web. Below is an example of the mailer. The following three pages are examples of additional project advertisement material and appointment scheduling tools offered in our proposal.

National Metering Services, Inc.

Contractors for the Utility

Please be advised that in order to improve the quality and reliability of service to our customers, the Utility Water has contracted National Metering Services, Inc. to install new water meters. The new meters are being installed at no cost to you. The water meter is located outside of your home and access to your home is not required. All meters will be upgraded or replaced without exception. Technicians from National Metering Services will be installing meters in your area during the next three weeks. All installers are required to have I.D. always displayed and to be in uniform. If you are not home when the installer arrives, you will be left a notice that the water meter has been replaced. Line flushing instructions will be on the notice. For the safety and security of our Staff and Utility Professionals, please secure all loose pets.

Thank you for your cooperation.

For more project information visit www.nmsnj.com or call 1-888-448-0009 to schedule an appointment.

Thank you for your cooperation.

Installation

All interior installation work (if any) will be carried out in a first class and professional manner. All holes to the outside remote RF unit will be sealed with clear silicone caulking to prevent water or insect intrusion into the home. All wiring will be run parallel on headers and joists, fastened with the appropriate wire holding staples, wire ties or electrical tape. Holes drilled for wiring will be from the outside in slightly on an upward angle.

All meter box or pit installation work will be carried out in a first class and professional manner. Meter boxes will be dewatered, and have all sand/debris removed and disposed per the contract directives. Lids will be drilled to accommodate the meter antennae where applicable.

All meters replaced will have the old gaskets removed and new ones installed. The meter register and RF unit will be wired following the manufacturers color codes or wiring guide. The RF unit will be activated using the manufacturer's tool for programming, installation or alerting. Meter replacement data will be electronically captured during the installation process and uploaded "Live" to the NMS database with all installation photos and data with our **Field Service Installation Tool**. The **NMS Customer Portal** provides the Water Utility with "Live" updates from the field as meters are installed. All meter installation data can be reviewed. The installation data is not available for download into the Water Utility's network until the data is confirmed by NMS Customer Service. Water Utility Staff can also monitor the progress of the project via our portal and track the following: Appointments scheduled, Appointment dates, Customer Refusals, Bad Plumbing, Customer Mailing (notices) dates, meter testing, and if applicable **Live Reads** coming in from the DCU and linked to the appropriate account. The **NMS Customer Portal** is a secure web based and runs independent of the meter reading and billing software the Water Utility utilizes. NMS IT Provides access credentials to Water Utility Staff working on the program and authorized by Water Utility Management. Samples of the **Customer Portal**, and **Field Service Installation Tool** can be found in the Data integration and IT section of our proposal.



All meters replaced will be tagged with the account information, date and badge number of the installer. The old meter will be sent to NMS' Certified Meter Testing Facility located in Kearny NJ for exit testing. The exit test data will provide critical meter performance data for the old meter vs the new meter. This data will be appended to the customer account where the meter was removed from service. This data will assist in calculating water losses through under registration of the meter, assist in the Return On Investment calculation or the data can be used to identify water losses within the system.

NMS is a Preferred Installation Contractor for United Water/Suez, American Water, Middlesex Water and Tide Water Utilities. NMS also provides meter exit testing services to these private utilities as part of their water accounting compliance requirements to the Board of Public Utilities or the New York State Department of Public Service. National Metering Services, Inc. also has reciprocal tank and bench certifications from other states. We included this service with our proposal to the Utility.

National Metering Services, Inc., provides a navigation friendly web page, for the Utility customers to access. Samples of the Home Page, Project Page and E-appointments Page are detailed on the subsequent pages.

National Metering Services, Inc. also utilizes our web page as a customer service tool. We strive to make the meter exchange or upgrade a cooperative and an accomadating experience for the customer.



 back		E-Appointment Request			
		Note: Filling out this form is not a confirmation for an appointment. We will contact you via e-mail or telephone with confirmation.			
		*Name:	<input type="text"/>		
		*Street:	<input type="text"/>		
		*Town:	<input type="text"/>		
		*State:	<input type="text"/>		
		*Zip Code:	<input type="text"/>		
		*Daytime Phone Number: Please include Area Code.	<input type="text"/>		
		Email Address:	<input type="text"/>		
					
main	services	Please give us 3 dates when it would be best to be of service to you:			
		* Required Fields Request date (Example: 01/02/01)			
		*Date One mm/dd/yy	*Date Two mm/dd/yy	*Date Three mm/dd/yy	
		<input type="text"/>	<input type="text"/>	<input type="text"/>	
		*Best Time:		AM: 9:00 AM - 1:00 PM PM: 12:00 PM - 4:30 PM	
employment	your town	Please allow minimum 2 hour window for all appointment requests.			
		Remarks/Notes:			

Customer Service Unit

National Metering Services, Inc. provides a full time, fully staffed, customer service unit. We maintain sufficient phone lines to handle large volumes of calls during peak periods. The phone system that is employed utilizes a hunt or “rolling” system where customer calls are routed to the next open or available phone line. This prevents customers from receiving a busy signal or message to please call later. All efforts are made to keep wait or holding times to less than one minute. Should a customer be placed on hold for any reason our automatic customer service messaging system advises customers of services available, internet appointment scheduling, and information required to assist us in scheduling their appointment.



Appointments are scheduled to be within a two hour window and special appointment times are provided to customers requesting a specific or exact time. Special needs appointments will be treated on a case by case basis.

Customers who schedule appointments are called 24 hours prior to the scheduled appointment for confirmation and as a courtesy reminder.



Customer Service staff are in direct radio or cell phone contact with Field Services and can direct technicians to customers requiring immediate attention or for any urgent call.

Photos of final reads are immediately accessible to Customer Service after upload, via our internet based digital photo recovery system. This tool serves as an important means of verifying an exit reading prior to a meter retrofit or replacement.

All customers will be direct mailed notices of the meter upgrade. Approximate dates crews will be working in their respective neighborhoods will be provided with additional project information, contact information and our internet address with instructions on obtaining additional information about the upgrade program, NMS, and the equipment being used.

Data Preparation, Data Entry and Information Technology (IT)

With the customer account information provided by the Utility, National Metering Services, Inc. will create a new customer database, and generate workorders. Customer data is cleansed and processed into our custom SQL Based Data Management Program – Basic Accounting Billing utility (BABU). Once integrated into BABU, NMS IT staff create workorders, mailing list, customer notices and the meter installation database. NMS also utilizes the power of the BABU System to track inventory by size, type, application, new meter test data and stock quantities. This data is sent to us by the meter manufacturer once meters are shipped from the factory.



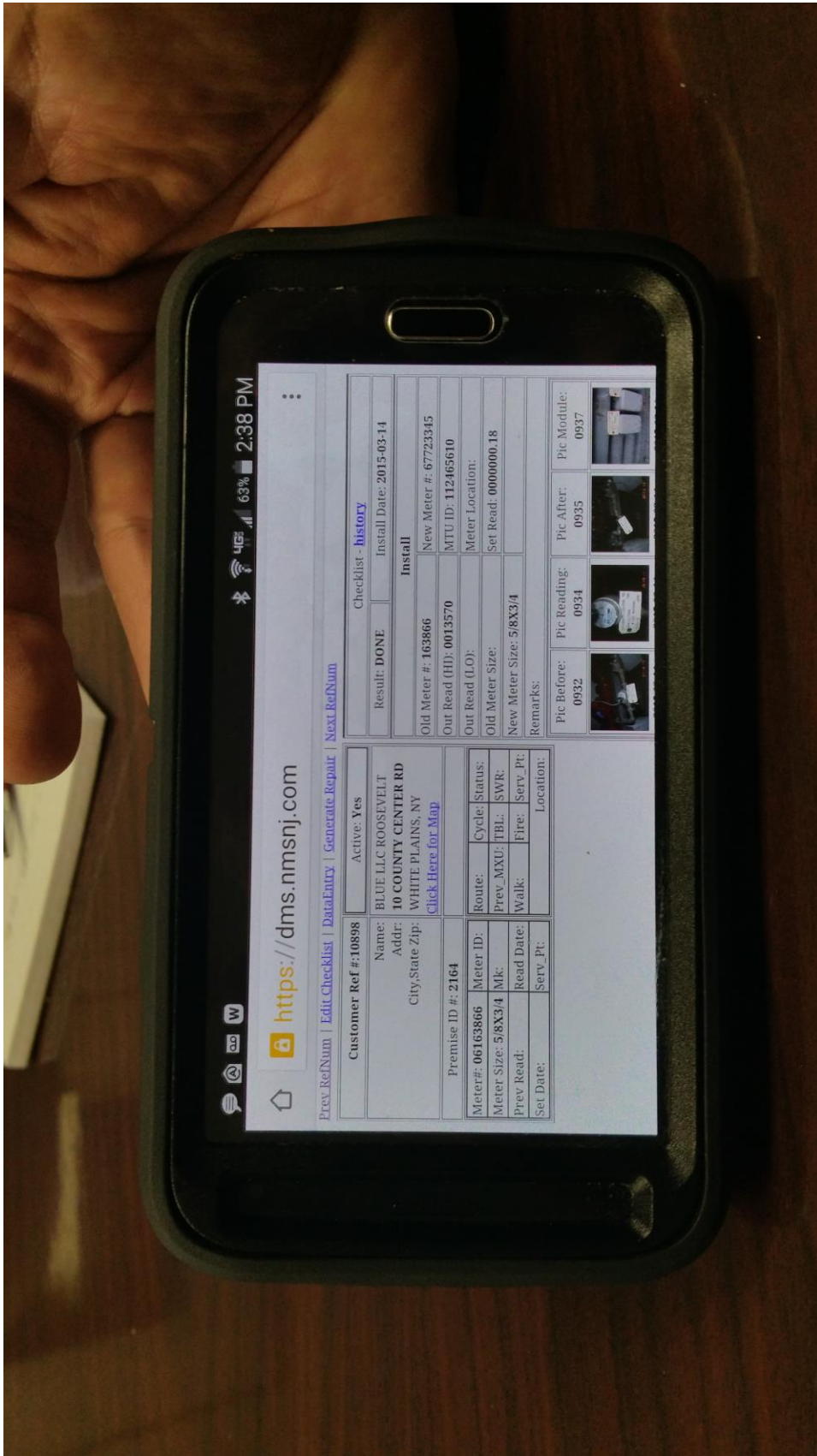
NMS creates a format where the information is printed in both analog characters and in barcode on the work order. The barcode customer information speeds data entry and processing while reducing critical errors in the new and old data being uploaded into the Utility's customer database. All new meter information is scanned into the database for the appropriate account. Data is posted "live" as entered into the Customer Portal. Once in the Customer Portal it can be reviewed individually as needed by Town Staff or downloaded in batches into Utility's billing program software.

*Note your billing company may charge to interface with the Customer Portal Download feature. Utilizing the Customer Portal Download feature will prevent Utility staff having to re-enter all of the meter replacement data manually, and will reduce labor costs and data entry errors.

NMS Field Services records all new meter information at the installation location, out meter data and final meter reading. Field Services also confirms current Utility customer data, such as meter size, type and serial number while at the service address. Any discrepancies in the data such as mismatching meter numbers are logged on the work order and confirmed before being entered into the database. Items as identified are logged into a report and a copy forwarded to the Utility clarification or confirmation as required.

All completed meter information data is processed and entered into our central database at our main processing facility in Kearny, NJ.

Regular electronic updates will be available directly to the Utility on a daily basis through the Customer Portal.



Sample of the Field Service Installation Tool

Sample Field Service Tool Data Entry Screen



babu³










Edit Workorder | CARD

Customer Ref #:100	Active: Yes
Name: BARRERA, ALBA ELVIA Addr: 805 ABETO CIR CSZ : EAGLE PASS, TX 78852	
Route: 04 Book: 27	Acct #: 27-4700-00
Install	
Repair Date:	
Tech ID: 776	
Tech2 ID:	
Time In:	
Time Out:	
Inf Card:	
Parts:	
Pic WO Card:	<input type="button" value="Choose File"/> No file chosen

1) Customer information block – Water service customer[WSC] information (source data provided by utility)

2) Install block (CARD) – Additional supporting installation information, contains fields necessary for documenting repairs, technician company ID's, installation start/end time, infrastructure support with parts used detail and a support picture of the paper workorder filled out by the technician.

Sample Field Service Tool Data Entry Screen Updated Complete

				
mobile.nmsnj.com/workorder/mobi_view.p  				
 babu³				
Mobile Workorder				
Customer Ref #:100				
Active: Yes				
Name:	BARRERA, ALBA ELVIA			
Addr:	805 ABETO CIR			
City,State Zip:	EAGLE PASS, TX 78852			
Route: 04 Book: 27	Acct #: 27-4700-00			
Meter#: 8666	Meter ID: 8666			
Meter Size: 5/8	Mk: SENSUS			
Prev Read: 2922	Read Date:			
Set Date: 2002-09-19	Serv_Pt: W			
Parcel:	Class:			
Prev_MXU:	TBL:			
Walk: 4700	Fire:			
Status: Active				
SWR: 00001.000				
Serv_Pt: W				
Location:				
Checklist - history				
Result: DONE	Install Date: 2015-02-04			
Install				
Old Meter #:	New Meter #:			
Out Read (HI):	New Register #:			
Out Read (LO):	MTU ID:			
Old Meter Size:	Meter Location:			
New Meter Size:	Set Read:			
Remarks:				
Pic Before:	Pic Reading:	Pic After:	Pic Module:	Pic House: 4479
				
2014:02:04 13:31:12	2014:02:04 13:31:18	2014:02:04 13:39:52	2014:02:04 13:40:07	2014:02:04 13:31:23
Repair Date: 0000-00-00	Tech ID: 776	Tech2 ID:	Time In:	Time Out:
Inf Card:		Parts:		

babu³



String Search

Your Town, USA

Customer Ref #109 Name: John Doe Address: 1 ABBEYVILLE LN City: State Zip: Your Town, USA 12345 Phone: 9148311333 Alt Phone:		Active: Yes	
1* Premise ID = 1446 Meter ID: 301549 Meter Size: 58 Prev. Read: 0 Set Date:		Cycle: 2 TBL: SWR Fur:	
Status:		Location: BACK	
3*			
5*			
Date Tested: [Blank] Test Result: [Blank] Low Result: [Blank] High Result: [Blank] Test Remarks: [Blank] Pick Up: [Blank]			
6*			
Recent Readings (limit 5 if reading)			
MIU ID	Date/Time	Reading	collector
112300444	2015-04-21 00:00:00	00243514	HartFD
112300444	2015-04-20 00:00:00	00242798	HartFD
112300444	2015-04-19 00:00:00	00240882	HartFD
112300444	2015-04-18 00:00:00	00238914	HartFD
112300444	2015-04-17 00:00:00	00236951	HartFD

- 1) Customer information block** – Water service customer[WSC] information (source data provided by utility)
- 2) Checklist** – Queries the status of a WSC (Appointment, Completed, Not Updated, Problem, etc.) including appointment & installation dates and appointment times.
- 3) Map** – GPS coordinates plotted on a Google map for a WSC address.
- 4) Install** – WSC Exit Meter Information and New Meter installation data, including photos (Before, After, Reading, Module) and individual photo EXIF date/time
- 5) Meter Testing** – WSC Exit meter testing data.
- 6) Recent Reads** – Last (5) readings of meter reported to AMR/AMI system. (Full History available)

Sample Customer Portal Record View



1*

Customer Portal: Redacted Live DEMO

Job Progress				Project Stats by Cycle				Appointment Report				Checklist				Export Status				Problems	
Job Total:	10802	Cycle	% Installed	# Installed	Total	Date	Time	Count	Total Accts:	10802	Date	#	Not Exported	2	Prob	Count					
Installed:	9388	Aid-On	91.76%	78	85	2015-03-01	A12	1	Removed Accts:	209	2014-06-07	2831	2014-06-07	2831							
Mixed Status:	388	Aid-On	93.02%	40	43	2015-04-24	A12	1	UTILITY	209	2014-06-03	43	2014-06-03	43							
City:	0	1	89%	3203	3599	2015-04-22	B1	1	Adjusted Total:	10593	2014-06-05	89	2014-06-05	89							
Issue:	56	2	86.64%	2995	3457	2015-04-21	A12	1	Completed Accts	9388	2014-06-11	213	2014-06-11	213							
Todo:	970	3	86.21%	2831	3284	2015-04-21	B1	2	DONE	9388	2014-06-13	48	2014-06-13	48							
Adj Total:	10746	4	72.16%	241	334	2015-04-21	A12	1	Remaining Accts	1199	2014-06-30	408	2014-06-30	408							
Start Date:	2014-01-15					2015-04-20	B1	3	No Status	970	2014-07-07	89	2014-07-07	89							
% Compl:	87.36%					Click Date for Details opens a new window			APPT	11	2014-07-17	142	2014-07-17	142							
Avg Inst Day:	30.58					2015-04-10	6		APPT STALE	16	2014-08-07	43	2014-08-07	43							
Last Date:	2015-04-20					2015-04-09	5		CALL_CUST	2	2014-08-05	95	2014-08-05	95							
						2015-04-08	3		NOTE	137	2014-08-08	93	2014-08-08	93							
						2015-04-07	11		NO_SHOW	4	2014-08-18	255	2014-08-18	255							
						2015-04-06	5		PROB	56	2014-09-02	295	2014-09-02	295							
						2015-04-02	8		SATURDAY	3	2014-09-03	61	2014-09-03	61							
						2015-04-01	10		MixedStat Accts	6	2014-09-08	126	2014-09-08	126							
						2015-03-31	5		MAILER	4											
						2015-03-31	5		PIT_METER	2											
						Click Date for Details opens a new window															

2*

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- 1) Complete Database String Search
- 2) Customer Project Progress Reports – Blocks in this view can be enabled / disabled by customer request. Sample blocks include (but not limited to):
 - a. **Job Progress** – Quick summary of entire project.
 - b. **Project Stats** – Completed installations by Utility’s reading order (i.e. cycle, route, book, zone, city).
 - c. **Appointments Report** – Scheduled appointments (2 week lead).
 - d. **Install Reports** – Installation reports by day, and date range. Includes meters with no recent DCU reads in addition to bad DCU reads.
 - e. **Checklist** – Complete Project Checklist broken down by individual record status.
 - f. **NMS Export / Billing System Import** – Completed Installations Export Status, enables the Billing Utility or County Staff to track data that has been completed and uploaded into the billing system.
 - g. **Problem Report** – Report on meters that could not be installed (i.e. Can’t Locate Meter Pit, Customer Refusal, Bad Dog)

Customer Portal Description



163 Schuyler Ave, PO Box 491, Kenner, NJ 07033 | (201) 246-1115 Phone | (201) 246-1831 Fax | (888) 448-0009 Toll Free

Num	Date Installed	Inst Type	Book	Acct#	Customer Name	Sr #	Dir	St Name	Apr	Old Meter# Provided	Meter Sz	Meter # Found	Old Meter Read	New UMF#	Seal #	New Meter Size	Set Read	Ratio #	Radio Config IS	Radio Config Results	Last Read >2hrs?	Last Read IS	Last Read TS	Last Read	Remarks
380	2015-04-15		710	John Doe	235		ARDSLEY RD			306384	1	306384	313907	53252664		1	0000000.00	112465026			YES	2015-04-21 00:00:00	00038064		
1418	2015-04-15		12308	John Doe	280	N	CENTRAL AVE			306815	2	306815	312493	53252679		1	0000000.00	112447736			YES	2015-04-21 00:00:00	00155985		
3167	2015-04-15		14920	John Doe	0		FIELDSSTONE DR			353885	3	353885	23323200	70293801		3	0000043.7	112469926			YES	2015-04-21 00:00:00	00000296		
3168	2015-04-15		16048	John Doe	0		FIELDSSTONE DR			07025129	2	025129	47124800	53252662		1	0000000.00	112464240			YES	2015-04-21 00:00:00	00340982		
3169	2015-04-15		14906	John Doe	9		FIELDSSTONE DR			384814	3	384814	63392400	70293803		3	0000063.84	112469902			YES	2015-04-21 00:00:00	00003310		
3171	2015-04-15		16050	John Doe	26		FIELDSSTONE DR			306779	2	306779	0686830	53252657		1	0000000.56	112469926			YES	2015-04-21 00:00:00	00354674		
3172	2015-04-15		16046	John Doe	29		FIELDSSTONE DR			343458	4	343458	14317000	70298024		4	0000023.660	112468368			YES	2015-04-21 00:00:00	00004975		
3173	2015-04-15		16052	John Doe	55		FIELDSSTONE DR			54262215	11/2	262215	16443314	53252658		1	0000000.73	112469954			YES	2015-04-21 00:00:00	00348162		
3174	2015-04-15		16054	John Doe	59		FIELDSSTONE DR			306568	11/2	306568	2905300	53252704		1	0000000.63	112465390			YES	2015-04-21 00:00:00	00145613		
4061	2015-04-15		13426	John Doe	63		HARVARD DR			305022	5/8	305022	208108	67723301		5/8X3.4	0000000.16	112465016			YES	2015-04-21 00:00:00	00000538		
7192	2015-04-15		14938	John Doe	0		PINEWOOD RD			14087142	3	087142	31305300	70293799		3	0000023.694	112464064			YES	2015-04-21 00:00:00	00004436		
7333	2015-04-15		7548	John Doe	203		PONDSTIDE DR			166207	1	166207	110537	53252660		1	0000000.00	112463754			YES	2015-04-21 00:00:00	00005111		
9249	2015-04-15		11266	John Doe	7		THERESA LN			306236	1	306236	229142	53252663		1	0000000.00	112463602			YES	2015-04-21 00:00:00	00021632		
9274	2015-04-15		1318	John Doe	39		WALBROOKE RD			304388	5/8	304388	307439	67723302		5/8X3.4	0000000.00	112443820			YES	2015-04-21 00:00:00	00008564		

NMS REPORT - Greenburgh, NY From: 2015-04-15 to 2015-04-15 : Completed Installations: 14 | Modify Report Range: Start Date: 2016-04-16 End Date: 2016-04-16 Update

BABU B.O.K

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A spreadsheet hardcopy detail is submitted with all pay requests. The dates can be changed on the report at will for maximum flexibility. This information is also available through the portal via the "Install Reports" hyperlink. This streamlines the process for confirming data in a pay request by utility staff.

Install Report Description



1* Search

Week 1	Mon 04-20-2015	Tue 04-21-2015	Wed 04-22-2015	Thu 04-23-2015	Fri 04-24-2015	Sat 04-25-2015
YourTown_USA	2-0	2-1	1-1	0-0	0-1	0-0
Week 2	Mon 04-27-2015	Tue 04-28-2015	Wed 04-29-2015	Thu 04-30-2015	Fri 05-01-2015	Sat 05-02-2015
YourTown_USA	0-0	0-0	0-0	0-0	0-0	0-0
Week 3	Mon 05-04-2015	Tue 05-05-2015	Wed 05-06-2015	Thu 05-07-2015	Fri 05-08-2015	Sat 05-09-2015
YourTown_USA	0-1	0-0	0-0	0-0	0-0	0-0
Week 4	Mon 05-11-2015	Tue 05-12-2015	Wed 05-13-2015	Thu 05-14-2015	Fri 05-15-2015	Sat 05-16-2015
YourTown_USA	0-0	0-0	0-0	0-0	0-0	0-0
Week 5	Mon 05-18-2015	Tue 05-19-2015	Wed 05-20-2015	Thu 05-21-2015	Fri 05-22-2015	Sat 05-23-2015
YourTown_USA	0-0	0-0	0-0	0-0	0-0	0-0
Week 6	Mon 05-25-2015	Tue 05-26-2015	Wed 05-27-2015	Thu 05-28-2015	Fri 05-29-2015	Sat 05-30-2015
YourTown_USA	0-0	0-0	0-0	0-0	0-0	0-0

2*

Repair Appts		Install Rept (all)		Checklist		Infrastructure Report		Repair YO		Meter Testing	
Date	Count	Bad Reads	No Reads	Total Accts	Removed Accts	Total Accts	#	Result	Count	Adjusted Total	Completed Installs
Click Date for Details <i>opens a new window</i>											
2015-04-20	3	0	3	10802	209	UTILITY	2			10593	9389
2015-04-17	4	3	7	UTILITY	209	2015-04-15	3			10593	9389
2015-04-15	5	2	7	Adjusted Total	10593	2015-04-10	1			10593	9389
2015-04-14	1	0	1	Completed Accts	9389	2015-04-02	1			10593	9389
2015-04-13	4	1	5	DONE	9389	2015-03-30	1			10593	9389
2015-04-11	9	0	9	Remaining Accts	1198	2015-03-27	1			10593	9389
2015-04-10	6	0	6	No Scans	970	2015-03-24	1			10593	9389
2015-04-09	4	1	5	APPT	10	2015-03-23	1			10593	9389
2015-04-08	3	0	3	APPT_SIALE	16	2015-03-16	1			10593	9389
2015-04-07	11	0	11	CALL_CUST	2	2015-03-17	2			10593	9389
2015-04-06	5	0	5	NOTE	137	2015-03-14	1			10593	9389
2015-04-02	8	0	8	NO_SHOW	4	2015-03-12	1			10593	9389
2015-04-01	9	1	10	PROB	56	2015-03-11	1			10593	9389
2015-03-31	5	0	5	SATURDAY	3	2015-03-10	1			10593	9389
2015-03-30	10	1	11	MixedStar Accts	6	2015-03-09	1			10593	9389
				MAILER	4					10593	9389
				PIL_METER	2					10593	9389

3*

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B.0178-01E

- 1) Complete Database String Search
- 2) Appointment Status Bar AM/PM by Date (6 week lead)
- 3) Project Progress Reports (Repair Appointments, Daily Installation Report with counts for appointments and door to door solicitation, Project Checklist, Infrastructure Report, Issued Repair Workorders, Exit Meter Testing)

Customer Portal Main Menu Screen View

Field and Service Personnel



- a.) All NMS personnel assigned to the project will be in company uniform, have a picture ID and wear a meter installer badge indicating the Utility's project. All installers will be registered with the local Police Department prior to commencement of the project.
- b.) NMS will provide a list of personnel assigned to the project including the chain of command and daytime telephone numbers. This list will be provided prior to commencement of any work.
- c.) NMS enforces strict discipline and good order among its employees. All employees always have a background check performed on them and a copy will be forwarded to the Utility.
- d.) In the event the Utility notifies NMS in writing of any person whose work is, in its opinion, careless, incompetent, disorderly or otherwise unsatisfactory, such person will be discharged from working on this contract and will not again be employed on this contract.
- e.) NMS employees are routinely tested for substance or alcohol abuse as allowed by law. NMS provides a safe and drug free work place and enforces a zero tolerance policy. NMS employees are screened for substance abuse at time of hire and then continually by lottery or complaint.
- f.) All NMS Field Service Staff are OSHA 10 Certified and Confined Space Certified. New hires are required to complete the OSHA 10 courses at the time of employment.
*See attached NYS DOL Notice - Labor Law §220, section 220-h.
- g.) NMS employees will not and are not permitted to solicit work from Water Utility customers during the term of the contract, including a period of 1 year after substantial completion of the project.

Vehicle Identification

All NMS vehicles have company identification permanently displayed on their vehicles. All hired vehicles or privately owned vehicles used for the project will have appropriate signage identifying the vehicle as a NMS service vehicle with contact information clearly displayed including toll free number and website. All vehicles owned or hired will be registered with the local Police Department and a detail of the service vehicle will be provided to the Water Utility. The detail must be updated when vehicles enter or are removed from the project

Working Hours

- a.) Work performed under this contract will be performed between 8:00 AM and 5:00 PM, Monday through Friday. Saturday schedules will be added as required by customer request.
- b.) Customer Service Hours are Monday – Friday 8:00 AM to 5:00 PM. If installers are scheduled to work on a Saturday, customer service is staffed to support or assist the installers as needed.
- c.) Areas of work and scheduled appointments are forwarded to the Water Utility the day prior. This enables Water Utility staff and local authorities to have knowledge of areas of operation, appointment request volume, and where installers will be soliciting door to door.
- d.) Installations for industrial and commercial facilities will be scheduled at a time acceptable to the facility owner and, if applicable, tenant. Scheduling will be done so as not to interfere with their normal operations.

Qualifications / Training

- a.) All installation work will be first class in all respects. Employees thoroughly experienced in meter work will perform the installation of the gas, water meter and electric meters.
- b.) A combination of class room and field training is incorporated into our training methodologies to ensure that our employees are capable of professional quality work.
- c.) Only employees of National Metering Services, Inc. will be utilized on this project; No subcontractor will be hired for this project.

System Integration

NMS will utilize our computerized tracking system that coordinates scheduling with actual production totals and the monthly payment requests. This system will be fully integrated with all phases of scheduling, production, customer contact documentation, inspection, and accounting. It will be capable of providing the Utility with a hard copy and an electronic copy of monthly production, status and problem accounts.

This report will be made available to the Utility and submitted with pay requests.

Project Office and Storage Facilities

- a.) Ample storage facilities for all company materials, equipment, tools and supplies required for operations will be provided by NMS.
- b.) Office space for staff and telephone to receive customer calls and process meter installation data will also be provided by NMS.

Time Table

National Metering Services, Inc will strictly adhere to the contract timelines as stipulated in the proposal documents. Any deviation – increase or decrease in installations will be done in conjunction with the Utility.

Installation Warranties

All installation work performed under this contract will be guaranteed AS SPECIFIED IN PROJECT PLANS.

Leaks reported AS SPECIFIED IN PROJECT PLANS, will be repaired by the contractor at no additional expense to the Utility or its customers.

Summary of National Metering Services Proposal

Items included in the unit cost:

- ✓ Meter Installation Labor –Wages, Extended work hours, Saturday hours and evenings included, including door to door soliciting and handout notices
- ✓ All transportation, fuel and insurances, installer uniforms, tools and equipment required for installation and testing of meters
- ✓ 3 customer notices by US mail – Initial, second and final. After final notice the Water Utility will need to assist with stronger notices or action
- ✓ Gaskets and ancillary items related to meter installation services – staples, tape, wire ties, clear caulking
- ✓ Installation Photos – Before, Reading (old meter), After (installation of New) and remote mount – appended to database installation records in BABU – copies/access provided to the Water Utility.
- ✓ Warranty for leaks reported after installation AS SPECIFIED
- ✓ Repair or replacement of plumbing damaged during the meter installation IE: any broken fittings, valves or piping that occurred during the meter replacement
- ✓ Responsible for any damage to meters or fittings due to cross threading, over tightening of couplings
- ✓ Appointment scheduling and customer service – toll free number
- ✓ Printed materials and Postage - Customer Notices (3) & Work order cards
- ✓ Data base creation and management of meter installation data. Data entry – All new meter information will be uploaded into our database for electronic transfer to the Water Utility. *The Water Utility will be responsible for any interface charges from their proprietary billing company.*
- ✓ Call Center – for appointment scheduling and confirmation. Call center will also be able to assist customer with questions about the new system
- ✓ E-Appointments – Internet appointment scheduling tool for resident to use
- ✓ Customer Portal – NMS will provide the Water Utility access to our database via the internet so actual installation records, including photo's, can be reviewed and accessed by staff as needed during the project. NMS will keep the portal active for a period of 1 month after final completion of the project. Should the Water Utility desire to continue to access hosted account data NMS would be able to provide same under a separate hosting agreement.

Quality Control and Testing Policies

NMS will supervise and direct the work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the work in accordance with the Contract Documents. The sole responsibility for the means, methods, techniques, sequences and installation work will lie with NMS. NMS will be responsible to see that the finished work complies accurately with the Contract Documents. NMS will be responsible for meeting all applicable codes associated with all aspects of the installation.

NMS will test each meter installation upon completion with factory certified equipment. After installation, the AMR device will be programmed or tested with handhelds authorized by the manufacturer for testing and programming meter equipment. NMS will provide its own program equipment to its installers. The programming equipment is and will remain the property of NMS.

Our Project Managers and Field Supervisors routinely check work performed in the field to verify quality installations. We have the knowledge and equipment to repair any damage incurred to service or customer piping, during the change-out process.

Benefits of National Metering Services, Inc.

Some of the key features included in our proposal that we would like to bring to the attention of the committee:

- **Certified Exit Meter Testing** – Optional for an additional fee -National Metering Services, Inc. is certified by state governmental entities to test water meters. Exit testing of the meters being replaced is a practical solution in accounting for water loss due to under registration of the older meter system. This data can also be used to address customer complaints about higher water bills after the new system is installed. The test data is compiled into an electronic database for easy reference. It is also used to generate revenue recovery forecasts.
- **Longevity** – NMS is a specialty service contractor with over 20 years in the meter installation industry as National Metering Services, Inc. The combined experience of both principles of NMS exceeds 60 years.
- **Community Involvement** - NMS initially mans the project with its New Jersey based crews. Working with the Water Utility Human Resources, local personnel are hired from the project area. The new employees go through installer training and will be assigned to the local project. When the project is complete, the local installer can move with National Metering Services, Inc. to another project. It is NMS' intention to man the project with our existing labor force already experienced with the proposed system. Additional installers will be hired as outlined above.
- **Extensive experience** – NMS has experience with all of the latest AMR/AMI Technology available. All of our technicians are highly trained through a series of sessions including classroom, field and manufacturer. NMS employs over 100 Administrative and Utility Service Professionals.

We look forward to working on this project with the Utility.

Optional - Certified Exit Meter Testing Program

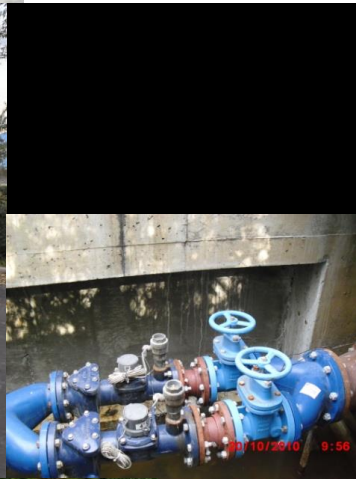
NMS will provide certified, exit-meter testing for all meters removed for accuracy during this project. NMS' testing facility is certified by local and governmental entities. All testing performed will be in accordance with AWWA standards. The purpose for testing the old meters is to show the actual water loss through under registration of the existing meter. The test results will be in a spreadsheet format (Excel) and include the following data. Address, date, serial number, final reading, High flow, Med flow results of both old and new meters, notes, if any about the condition of the meter (stuck, broken glass, etc.) The new meter test data information is also entered into the customer database. This is where a comparison of performance of the new meter's accuracy can be compared to the old meter's accuracy. This data can be used to identify losses of water and revenue and to calculate the revenue recovery generated by the new system's implementation.



NMS' proposal can include provisions for exit testing of all replaced meters during this project. Certified meter test data will be provided to the Utility in an electronic format.



Vehicles and Equipment



OSHA 10-hour Construction Safety and Health Course – S1537- A

Effective July 18, 2008

This provision is an addition to the existing prevailing wage rate law, Labor Law §220, section 220-h. It requires that on all public work projects of at least \$250,000.00, all laborers, workers and mechanics working on the site, be certified as having successfully completed the OSHA 10-hour construction safety and health course. It further requires that the advertised bids and contracts for every public work contract of at least \$250,000.00, contain a provision of this requirement.

NOTE:

The OSHA 10 Legislation only applies to workers on a public work project that are required, under Article 8, to receive the prevailing wage.

Certificate of Completion



This Certifies That

william d castle

is awarded this certificate for

OSHA - 10 Hour Construction Industry Outreach

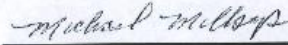
Credit Hours: 10

Completion Date: 11/06/2011 16:16 CST

Certificate Number: 2137974



Student Signature



Michael Millsap, Trainer C 0034819 and G 0021414

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