

**UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA**

ITB# 06-17
Water Meter Annual Contract

INVITATION TO BID

The Utilities Commission, City of New Smyrna Beach, Florida (**COMMISSION**) is seeking bids from qualified vendors to:

[Provide Water Meters on As Needed Basis per the Attached Specifications](#)

Notice is hereby given that sealed bids will be received at 200 Canal Street, New Smyrna Beach, FL 32168, until **2:30 P.M.** on **January 18, 2017** at which time they will be publicly opened in the 3rd floor DeBerry Room.

Submit Bids To: Caleb Fisher, CPPB
Purchasing Agent
Utilities Commission,
City of New Smyrna Beach
(386) 424.3045 Voice
(386) 424.2748 Fax
CFISHER@UCNSB.ORG

Mailing Address: Post Office Box 100
New Smyrna Beach, FL
32170-0100

Walk In Delivery: 200 Canal Street
New Smyrna Beach, FL
32168

Bidders must indicate on the sealed envelope the following:

- A. Invitation To Bid Number**
- B. Hour and Date of Opening**
- C. Name of Bidder**

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BID SCHEDULE

- DISTRIBUTION OF THE INVITATION TO BID: **December 28, 2016**

- DEADLINE FOR FINAL QUESTIONS BY 2:30 P.M.: **January 4, 2017**
 - E-MAIL TO CFISHER@UCNSB.ORG

- ADDENDUM PUBLISHED BY 5:00 P.M.: **January 6, 2017**

- BID RETURN DEADLINE BY 2:30 P.M.: **January 18, 2017**
 - LOCATION: **UCNSB - RECEPTION
200 CANAL STREET
NEW SMYRNA BEACH FL, 32168**

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GENERAL TERMS AND CONDITIONS

1. **INSTRUCTIONS TO BIDDERS:** To insure consideration of your bid, please follow these instructions. Bids not in compliance with conditions specified herein are subject to rejection.
2. **SEALED BIDS: AN ORIGINAL BID AND 1 COPY plus a USB Flash Drive or a CD** must be in the Finance Department by the date and time specified. The Bid Reply, Certification of Drug-Free Workplace Form, Public Entity Crimes Form, Non-Collusion Affidavit of Prime Bidder Form, Evaluation Factors, Questionnaire, and any addenda issued must be included. Bids must be sealed and clearly labeled with the following information:
 - a. Name and address of Bidder
 - b. Bid number
 - c. Date and time of Bid Opening
3. **PREPARATION OF BID:** All information shall be entered in ink, typewritten, or produced by computer. It is your responsibility to make certain that unit prices and extended prices are correct. The UCNSB will not be responsible for errors or omissions made by the bidder in determining bid price(s). The bid must contain a manual signature of an authorized representative of the agency bidding. In order to insure uniformity, bids must be submitted on this Bid Form and the attached pages.
4. **PREPARATION OF BID:** All information shall be entered in ink, typewritten, or produced by computer. It is your responsibility to make certain that unit prices and extended prices are correct. The UCNSB will not be responsible for errors or omissions made by the bidder in determining bid price(s). The bid must contain a manual signature of an authorized representative of the agency bidding. In order to insure uniformity, bids must be submitted on this Bid Form and the attached pages.
5. **OBLIGATION OF BIDDER:** By submitting a BID, the bidder covenants and agrees that they have satisfied themselves from their own investigation of the conditions to be met, that they fully understand their obligation and that they will not make any claim for, or have right to cancellation or relief from the contract because of any misunderstanding or lack of information.
6. **FURNISHED ITEMS:** No material, labor or facilities will be furnished by the **COMMISSION** unless specifically stated.
7. **COLLUSION:** The **BIDDER** hereby attests that the prices in this offer have been arrived at independently without consultation, communication or agreement with any competitor for the purpose of restricting competition.
8. **PRICE WARRANTY:** The **BIDDER** warrants that the prices of the items set forth herein do not exceed the prices charged by the **BIDDER** under a contract with the State of Florida.

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9. **COMMERCIAL WARRANTY:** The **BIDDER** agrees that the supplies and services furnished under this award shall be covered by the most favorable commercial warranties the **BIDDER** gives any customers for comparable quantities of such supplies or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the **COMMISSION** by any other provision of this award.

10. **INSPECTION AND ACCEPTANCE:** A duly authorized representative of the **COMMISSION** will accomplish inspection and acceptance of the supplies/services purchased herein at the designated delivery point.

11. **QUESTIONS REGARDING BID:** **COMMISSION** has made every effort to provide prospective vendors with the information needed to appropriately respond to this bid. **COMMISSION** realizes that some clarification, interpretation, or additional information may be required.

Questions regarding any portion of this bid shall be directed, in writing, to:

Utilities Commission, City of New Smyrna Beach

Caleb Fisher, Purchasing Agent

cfisher@ucnsb.org

or

P.O. Box 100

New Smyrna Beach, FL 32170-0100

All such requests must be received no later than 2:30 PM, Eastern Standard Time, **January 4, 2017**. Responses to all requests for more information will be included in any addenda and will be made available to all **BIDDERS** on **January 6, 2017**.

Requests for additional information received after the **January 4, 2017** deadline will not receive a response. Responses will **not** be made orally.

Any additional information pertaining to this Bid or to the services being sought hereunder obtained in a manner other than as described in the preceding paragraph should be regarded as unofficial. **COMMISSION** will not be bound in any way by information so obtained, or by a Bidder's reliance thereon.

12. **INVOICES:** All invoices resulting from the award of this bid will be paid within 30 days of receipt of invoice or receipt of goods or acceptance of work performed.

13. **BID FORM:** A Bid Form is provided and a completed original and one duplicate copy shall be returned in a **sealed envelope properly marked with Bid number and acknowledgment of receipt of addenda where applicable**. It is incumbent upon each bidder to ensure that they have received all addenda before submitting their bid.

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14. **BID OPENING:** Bids will be publicly opened, read aloud and recorded, on the date and time indicated, at the location specified in the request for bid. It is the **BIDDER's** sole responsibility to assure his/her bid is delivered at the proper time and place of the bid. The **COMMISSION** will not be responsible for late deliveries or delayed mail. Bids delivered after the time specified shall not be considered; such bids shall remain **unopened.**

15. **QUOTING PRICES:** Carelessness in quoting prices or in preparation of bid otherwise will not relieve the **BIDDER.** **BIDDERS** are expected to examine specifications, delivery schedule, extensions, and all terms and conditions in the bid documents. Bids having erasures or corrections must be initialed in ink by the **BIDDER.** In the event of an extension error(s), the unit price will prevail.

16. **AMENDED OR WITHDRAWN BIDS:** Bids may be amended or withdrawn only by written notice prior to the bid opening. Amendments will only be accepted in the form of a new bid package. The bidder must pick up the original bid package and submit an amended sealed bid prior to the bids closing date and time. Amendments or withdrawals received after the bid opening will not be effective, and the original bid submitted will be considered.

17. **PUBLIC ENTITY CRIMES:** UNDER SECTION 287.133(2)(a), FLORIDA STATUTES, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for Category two for a period of 36 months from the date of being placed on the convicted vendor list. See attachment "A".

18. **CONSIDERATION OF BIDS:** The **COMMISSION** reserves the right to award the contract to the Bidder(s) that the **COMMISSION** deems to offer the best overall bid. The **COMMISSION** is therefore not bound to accept a bid on the basis of lowest price. In addition, the **COMMISSION** at its sole discretion, reserves the right to cancel this Bid, to reject any and all bids, to waive any and all informalities and/or irregularities, to re-advertise with either the identical or revised specifications, or not award a contract at all if it is deemed to be in the best interest of the **COMMISSION** to do so. The **COMMISSION** also reserves the right to make multiple or split awards if it is deemed to be in the **COMMISSION'S** best interest. The **COMMISSION** shall not be responsible for any cost or expense incurred by the Bidder in preparing or submitting a bid or any cost prior to the execution of a contract agreement.

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19. **TIE BID:** In the event of a tie bid where quality and service are equal; a preference is given to vendors submitting, with the proposal, a certification of a drug free work place in accordance with Section 287.087 Florida Statutes. Where tie bids are between bidders, one of which is located in Volusia County and the other bidder is not, the recommended award shall be to the local bidder. Past Performance-Consideration will be given to a vendor based on previous history and performance on similar Utilities Commission projects or requirements. Delivery availability or completion period. Capacity to perform in terms of service availability, facilities, personnel or financial availability. Closeness to delivery point. If **all** conditions are equal, a flip of a coin, with two witnesses present, shall be the deciding factor.

20. **SUBMITTING BIDS:** Bids shall be **addressed and mailed or delivered as specified on page one (1) to 200 Canal St. New Smyrna Beach, Florida 32168.**

21. **NO BID:** In the event an Invitation to Bid is returned as a no bid, "**NO BID**" shall be properly marked on the outside of the envelope with the bid number. Please Complete and Return Enclosed "Statement of No Bid Form"

22. **REJECTED BIDS:** The **COMMISSION** reserves the right to reject bids containing any additional terms or conditions not specifically requested in the original conditions and specifications.

23. **FAILURE OF THE QUALIFIED VENDOR TO DELIVER:** Failure of the qualified vendor to deliver within the time specified, or within a reasonable time as interpreted by the **COMMISSION** or failure to make replacements of rejected articles as directed, shall permit the **COMMISSION** to purchase on the open market articles of comparable grade to take the place of those rejected or not delivered. On all such purchases, the qualified vendor shall reimburse the **COMMISSION**, within a reasonable time specified by the Purchasing Authority, for any expenses incurred in excess of the defaulted price. Payments due the qualified vendor by the **COMMISSION** may be withheld until reimbursement is received.

24. **OTHER AGENCIES:** All respondents awarded contracts from this solicitation may, upon mutual agreement, permit any municipality or other government agency to participate in the contract under the same prices, terms and conditions. If the period of time is not defined within this solicitation, the prices, terms and conditions shall be firm for 120 days from date of award. It is understood that at no time will any city or municipality or other agency be obligated for placing an order for any city municipality or agency, nor will any city municipality or agency be obligated for any bills incurred by any other city or municipality or agency. Further it is understood that each agency shall issue their own purchase order to the awarded respondent(s).

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25. **NON-WARRANTY OF SPECIFICATIONS:** Due care and diligence have been exercised in the preparation of this Bid and all information contained herein is believed to be substantially correct. However, the responsibility for determining the full extent of the exposures shall rest solely with the provider. Neither the Commission nor its representatives shall be responsible for any errors or omission in this Bid nor for the failure on the part of the bidder(s) to determine the full extent of exposures.
26. **BID AWARD:** Award is expected to be made to the Bidder who best meets the requirements of UCNSB considering responsibility, responsiveness and price. A written contract and/or purchase order detailing agreed terms will be rendered between the UCNSB and the agency achieving a successful proposal. Terms of the contract will include any and all items as specified in the bid, plus mutually agreed terms and conditions.
27. **CLARIFICATION:** The UCNSB reserves the right to request clarification of information submitted and to request additional information of one or more Bidders, if needed.
28. **INSURANCE:** The qualified vendor shall, at its sole expense, maintain in effect at all times during the performance of the services insurance coverage with limits not less than those set forth below and with insurers and under forms of policies satisfactory to **COMMISSION**.

Coverage	Minimum Amounts and Limits
(a) Worker's Compensation	Statutory requirements at location of work
Employer's Liability	\$ 100,000 Each occurrence \$ 300,000 Disease, aggregate \$ 100,000 Disease, each employee
(b) General Liability	\$ 1,000,000 General Aggregate \$ 1,000,000 Products - Comp Ops Agg \$ 500,000 Each Occurrence \$ 50,000 Fire Damage \$ 5,000 Medical Expense
(c) Automobile Liability (owned, hired and non-owned)	\$ 1,000,000 Combined Single Limit
Option of Split Limits:	
(1.) Bodily Injury	\$ 500,000 Per Person \$ 1,000,000 Per Accident
(2.) Property Damage	\$ 500,000

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Coverage shall apply to the indemnity agreement and shall include the **COMMISSION** their officers and employees, each as additional insured's but only as regards to their liability arising out of qualified vendor 's performance of the work or out of operations performed by others on behalf of qualified vendor under this Contract. The insurance as afforded to such additional insured's shall state that it is primary insurance and shall provide for a severability of interest or cross-liability clause. Prior to commencing performance of any work or site mobilization, qualified vendor shall furnish **COMMISSION** with Certificates of Insurance (identifying on the face thereof the Project name and Contract number) as evidence of the above required insurance and such Certificates shall provide for thirty (30) days written notice to **COMMISSION** prior to cancellation thereof.

COMMISSION is not maintaining any insurance on behalf of qualified vendor covering loss or damage to the work or to any other property of qualified vendor unless otherwise specifically set forth herein.

None of the requirements contained herein as to types, limits and approval of insurance coverage to be maintained by qualified vendor are intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by qualified vendor under this contract.

qualified vendor shall deliver the original Certificate of Insurance and one copy to the agent of the **COMMISSION**.

Notices, in original and one copy, of cancellation, termination and alternation of such policies shall also be provided to the agent of the **COMMISSION**.

29. **INDEMNIFICATION FOR TORT ACTIONS/LIMITATION OF LIABILITY:**

The provisions of Florida Statute 768.28 applicable to the Utilities Commission, City of New Smyrna Beach apply in full to this contract. Any legal actions to recover monetary damages in tort for injury or loss of property, personal injury, or death caused by the negligent or wrongful act or omission of any employee of the Utilities Commission acting within the scope of his/her office or employment are subject to the limitations specified in this statute.

No officer, employee or agent of the Utilities Commission acting within the scope of his/her employment or function shall be held personally liable in tort or named as a defendant in any action for injury or damage suffered as a result of any act, event or failure to act.

The Utilities Commission shall not be liable in tort for the acts or omissions of an officer, employee or agent committed while acting outside the course and scope of his/her employment. This exclusion includes actions committed in bad faith or with malicious purpose, or in a manner exhibiting wanton and willful disregard of human rights, safety, or property.

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To the fullest extent permitted by law, the vendor shall defend, indemnify, and hold harmless the Utilities Commission, its officials, agents, and employees from and against any and all claims, suits, judgments, demands, liabilities, damages, cost and expenses (including attorney's fees) of any kind or nature whatsoever arising directly or indirectly out of or caused in whole or in part by any act or omission of the vendor or its subcontractors (if any), anyone directly or indirectly employed by them, or anyone for whose acts any of them may be liable; excepting those acts or omissions arising out of the sole negligence of the Utilities Commission .

Provided, however, if the contract between the Utilities Commission and the Contractor is deemed by a court of competent jurisdiction to be a construction contract for purposes of Section 725.06, Florida Statutes, any obligation of the Contractor to defend, indemnify or hold harmless the Utilities Commission, shall be limited to an obligation to indemnify or hold harmless the Utilities Commission, its officers and employees from liability damages, losses, and costs, including but not limited to reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentionally wrongful conduct of the contractor and persons employed or utilized by the Contractor in the performance of the contract.

30. **WARRANTY AND ACCEPTANCE**: All material shall be new and workmanship shall be first class in every respect. The work shall be subject to inspection and acceptance by **COMMISSION**. qualified vendor guarantees its Materials hereunder for a period of twelve (12) months after completion and acceptance of the work unless otherwise set forth herein. In the event **COMMISSION** discovers defects in material or workmanship at any time before the expiration of the specified warranty period, qualified vendor shall, upon written notice from **COMMISSION**, repair or replace at its sole expense any such defects. **COMMISSION** may perform such repairs or replacements by other reasonable means and qualified vendor agrees to pay for such corrective measures. Neither acceptance of the work by **COMMISSION** nor payment shall relieve qualified vendor from liability under the indemnity clause or any of the guarantees or warranties contained or implied herein.
31. **CHANGES**: **COMMISSION** may, at any time, direct in writing additions, deletions or changes to all or any part of the work. If any such changes cause an increase or decrease in the cost of or in the time required to perform such work, qualified vendor shall submit detail information substantiating such claims and an equitable adjustment shall be made to the price or time of performance.
32. **CONFLICT OF INTEREST**: The award hereunder is subject to the laws of the State of Florida. All Bidders must disclose, with their proposal, the name of any officer, director, or agent who is also an employee of the UCNSB. Further, all Bidders must disclose the name of any UCNSB employee who owns, directly or indirectly, an interest of five percent (5%) or more in the Bidders firm or any of its branches.

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33. **GRATUITIES AND KICKBACKS:**

(1) Gratuities. It shall be unethical for any person to offer, give, or agree to give any **COMMISSION** employee or former **COMMISSION** employee, or for any **COMMISSION** employee or former **COMMISSION** employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity **COMMISSION** in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefore.

(2) Kickbacks. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a qualified vendor or any person associated therewith, as an inducement for the award of a subcontract or order.

(3) Contract Clause. The prohibition against gratuities and kickbacks prescribed in this Section shall be conspicuously set forth in every contract and solicitation therefore.

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CERTIFICATION OF DRUG-FREE WORKPLACE FORM

IDENTICAL TIE BIDS - Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

VENDOR SIGNATURE

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PUBLIC ENTITY CRIMES FORM
SWORN STATEMENT UNDER SECTION 287.133(3) (1) FLORIDA STATUTES

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted Bid, Bid or Contract for [Annual Supply as Needed for Water Meters & Accessories](#).
2. This sworn statement is submitted by _____
[name of entity submitting sworn statement] whose business address is:
_____ and (if applicable) its
Federal Employer Identification Number (FEIN) is _____.
If entity has no FEIN, include the Social Security Number of the individual signing this
sworn statement: _____.
3. My name is _____ and my relationship to the entity named
above is _____.
4. I understand that a “public entity crime” as defined in Paragraph 287.133 (1) (g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state, or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
5. I understand that “convicted” or “conviction” as defined in Paragraph 287.133 (91) (b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court or recording, relating to charges brought by federal or state trial court or recording, relating to charges brought by federal or state trial court or recording, relating to charges brought by indictment or information after July 1, 1989, as a result of just verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand the “affiliate” as defined in Paragraph 287.133(1)(a), Florida Statutes, means: (1) A Predecessor or Successor of a person convicted of public crime: or (2) An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term “affiliate” includes those officers, directors, executives, partners, shareholder, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm’s length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of public crime in Florida during the preceding 36 months shall be considered an affiliate.

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Public Entity Crimes Statement

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7. I understand that a "person" as defined in Paragraph 287.133(1) (e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provisions of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members and agents who are active in management of an entity.

8. Based on information and belief, that statement which I have marked below is true in relation to the entity submitting this sworn statement. [Please indicate which statement applies]

_____ Neither the entity submitting this sworn statement, or one more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in the management of the entity, nor any affiliate or the entity, has been charged with and convicted of public entity subsequent to July 1, 1989, AND [Please indicate which additional statement applies.]

_____ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. [Please attach a copy of the final order.]

_____ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. [Please attach a copy of the final order.]

_____ The person or affiliate has not been placed on the convicted vendor list. [Please describe any action taken by or pending with the Department of General Services.]

Date _____ Signature _____

STATE OF: _____ COUNTY OF: _____

PERSONALLY APPEARED BEFORE ME, the undersigned authority, _____
[name of individual signing] who after first sworn by me affixed his/her signature in the space provided above on this _____ day of _____, 20_____.

My commission expires: _____ Personally known to me, or
Produced Identification: _____

Notary Public _____ Print, Type or Notary Stamp _____ Type of I.D. _____

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NON-COLLUSION AFFIDAVIT OF PRIME BIDDER FORM

State of _____

County of _____

_____, being first duly sworn, deposes and says that:

He/she is _____ of _____, Bidder that has submitted the attached Bid;

He/she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Neither the said Bidder nor any of its officers, partners, owners, agent representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person, to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the **COMMISSION**.

The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed

Title

Subscribed and sworn to before me this ____ day of _____, 20__.

Title

My Commission Expires: _____

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>	
	5 Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number									
or									
Employer identification number									

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB# 06-17
Water Meter Annual Contract

VENDOR APPLICATION

In addition to General conditions, your **BID** may be disqualified if the following vendor information is not returned with your **BID**.

Vendor is:

- () Corporation
() Partnership
() Sole Proprietorship
() Other _____ (Explain)

Federal Employer Identification
Number or Social Security Number: _____

Do you collect Florida State Sales Tax? () Yes () No

Firm Name: _____

Mailing Address: _____

Telephone No. _____ Fax No. _____

Email Address: _____ Web Address: _____

Commodity or Service Supply: _____

If vendor is quoting, as a manufacturer's representative and the purchase order should be addressed to the manufacturer in care of the vendor, so indicate.

If remittance address is different from the mailing address so indicate below.

Firm Name: _____

Mailing Address: _____

Submitted by: _____

Name & Title Printed: _____

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QUESTIONNAIRE

Additional space may be required. Please answer questions in the order presented. All questions must be answered or qualified vendor may be disqualified.

1. Has your company ever been denied insurance or had insurance canceled?
2. Is your company bondable? Has your company ever been denied bond?
If yes, explain.
3. Can your insurance company produce a certificate of insurance stating your limits and naming UCNSB as an Additional Insured?
4. Since January 1, 2012, has your company been a defendant in any lawsuits?
5. Is your company a subsidiary or otherwise legally affiliated with any other company?
6. Is your company rated by Dunn & Bradstreet or any other rating agency?
If yes, what is the name of the agency and rating?
7. Is your company in any stage of bankruptcy, including initial filing?
8. Has your company been disbarred by the Federal Government or any State Government?

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REFERENCES

Provide the business names, contact persons and telephone numbers of five (5) references for which the firm has provided the services described in this proposal for two (2) years or more. Include relationships with utility and governmental agencies. It is our intent to contact these references during the evaluation process.

1. Name of Company: Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

2. Name of Company: Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

3. Name of Company: Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

4. Name of Company: Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

5. Name of Company: Address: _____
Point of Contact: _____ Phone #: _____
Service(s) Provided: _____

Dates of Service: _____

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BID SUBMITTAL REQUIREMENTS

Bids shall include all of the information solicited in this ITB, and any additional information that the **BIDDER** deems pertinent to the understanding and evaluating of the bid. Bids shall be organized and sections tabbed in the following order. The **BIDDER** should not withhold any information from the written response in anticipation of presenting the information orally or in a demonstration, since oral presentations or demonstrations may not be solicited. All bids shall include, at a minimum, the following information. Failure to supply all of the information requested shall result in the bid being excluded from consideration. UCNSB reserves the right to request information or clarification from bidders following the bid opening if omissions are deemed curable.

Factor #1 **Experience:**

Provide a profile showing company history, business structure, and a list of principals. A minimum of five (5) years in business is required.

Factor #2 **References:**

Submit a detailed list of clients receiving similar services within the last two (2) years. Please include a brief description of the scope of work performed and the name, phone number and email address of the contact person.

Factor #3 **Pricing:**

Submit Proposal Bid Forms here. Pages 31-34

Factor #4 **Public Entity Crimes, Non-collusion Affidavit, Drug Free Workplace, Vendor Information & W9 Forms:**

All **BIDDERS** shall properly complete, notarize and submit attachments A,B,C,D & E here

Factor #5 **Addenda Acknowledgement:**

Please submit all addenda (if any) related to this bid here.

Factor #6 **Questionnaire:**

The Questionnaire responses requested should be submitted here.

Factor #7 **Detailed Specifications:**

In this section include:

Water Meter product information and literature

UTILITIES COMMISSION
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Special Conditions

BACKGROUND

The Utilities Commission, City of New Smyrna Beach operates an electric utility servicing approximately 23,000 customers. The Commission is soliciting qualified vendors to provide Water Meters to meet its needs.

The Utilities Commission, City of New Smyrna Beach is providing water meter specifications to ensure the meters provided are Itron compatible. It is the intention of the Commission to receive pricing on the following:

- Residential water meters with Itron 5 ft. inline connectors potted to the registers at the factory
- Pit Lid Mounting Kit w/Standard Retainer
- Residential Water Meters with direct read registers
- Miscellaneous Meter accessories as specified
- ITRON 100W ERT Modules

GENERAL:

All meters shall be positive displacement type only, utilizing either a nutating-disc or an oscillating-piston measuring element. Meters must have the following physical dimensions: Size-5/8"x3/4", Laying Length-7 1/2", Ends-Male Threaded. Reclaim Meters are 3/4"X 3/4" All meters shall meet or exceed NSF 61 (Annex F/G – NSF 372) regulations. All meters shall meet or exceed attached specifications.

BODY:

All meters shall be of a split case design. All meters shall have a bronze main housing with access plate of engineered polymer. Securing bolts shall be stainless steel. Polymer or any type of Plastic main housings will NOT be accepted

REGISTER:

All meter registers are to have a glass lens manufactured for pit applications. All meter registers are to have plastic housings. All meters will register in gallons. **The number of digits provided by each register shall be seven and register to the ten gallons.** All screws used to attach register to the main case shall be stainless steel.

METER TESTING AND SERIALIZATION:

All meters provided must be factory tested. Flow rates and accuracy requirements shall be those as prescribed by AWWA standard C-700. These test results shall be printed on a test tag which will be attached to each new meter. Each test tag will also have the serial number of the meter clearly printed on it. The serial number shall also appear on the top of the register lid as well as the top portion of the main case. **METER AND REGISTER NUMBER MUST BE THE SAME** Serial numbers stamped on the side of the main case will not be accepted.

CURRENT APPROVED RESIDENTIAL/COMMERCIAL WATER METERS:

Neptune or Equal

AWARD: We will Only Consider One Supplier for all of our Meter Needs and One Supplier for our ITRON Needs. Meters will not be a Split-Award as we want to maintain a standard product for the full contract term.

CONTRACT TERMS: This bid is for a One year term with the option for Three Additional One-Year Agreements

**UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA**

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Water Meter Annual Contract

**METER SPECIFICATIONS
Residential Water Meter**

**COLD WATER METERS / DISPLACEMENT TYPE MAGNETIC DRIVE 5/8"x3/4"-2"
SIZES**

SPECIFICATIONS

GENERAL

All cold water meters (displacement type - magnetic drive 5/8" - 2") furnished shall be produced from an ISO 9001 manufacturing facility, conform to the "Standard Specifications for Cold Water Meters" C700 latest revision issued by AWWA or as otherwise stated and be certified to the National Conference on Weights and Measures (NCWM) regulatory standards.

LEAD FREE LEGISLATION

Federal changes are on the horizon governing the acceptable amount of lead in the drinking water system. Knowing that water meters have a life expectancy of approximately 20 years, the utility wishes to ensure that meters purchased today will meet the Safe Drinking Water Act (SDWA) per NSF 372 that will become effective in January 2014 for the following reasons:

- The utility wishes to assure the safety of its drinking water.
- The utility wishes to safeguard its investment in metering infrastructure.

As a result, the utility requires that all water meters submitted in this proposal be compliant with NSF/ANSI 61, Annex G and Annex F. Specifically:

- Meters shall be made of "lead free" alloy as defined by NSF/ANSI 61, Annex G and Annex F.
- Manufacturer shall provide a copy of a letter from the NSF on NSF letterhead documenting compliance with NSF/ANSI 61, Annex G which allows a maximum weighted average lead content level of 0.25% of the wetted surface area.

NATIONAL TYPE EVALUATION PROGRAM CERTIFICATION (NTEP)

The Water Research Foundation (formerly AWWA Research Foundation) identified in the "Accuracy of In-Service Water Meters at Low and High Flow Rates" study that all meter types are not created equal and many manufacturers that advertise compliance to AWWA standards do not consistently meet them. As a result, the utility requires that all residential and intermediate meter sizes and register types supplied be certified to the National Conference on Weights and Measures (NCWM) regulatory standards. Specifically:

- Manufacturer shall provide a copy of the National Type Evaluation Program (NTEP) Certificate of Conformance (COC) certifying and listing the meter size and register type as legal for trade and;
- The NTEP COC shall list the meter size and register type being supplied as approved for use in utility billing, commercial metering, and legal sub-metering applications.

TYPE

Only magnetic-driven, positive displacement meters of the flat nutating disc type will be accepted because of enhanced low flow accuracy performance.

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SIZE, CAPACITY, LENGTH

The size, capacity, and meter lengths shall be as specified in AWWA Standard C700 (latest revision). The maximum number of disc nutations is not to exceed those specified in AWWA C700 latest revision. The 1 ½” and 2” size meters shall have oval flange connection ends. In the 5/8”x3/4” size both standard meters and testable double check style meter shall be provided.

The meter maincase and cover shall be cast from NSF/ANSI 61, Annex G and Annex F certified lead free alloy containing a minimum of 85% copper. The serial number should be stamped between the inlet or outlet port of the maincase and the register. Maincase markings shall be cast raised and shall indicate size, model, direction of flow, and NSF 61 certification. Plastic or composite maincases are not acceptable.

Maincases for 5/8”, 3/4”, and 1” meters shall be of the removable bottom cap type with the bottom cap secured by four (4) bolts on 5/8” and 3/4” sizes and six (6) bolts on the 1” size. Intermediate meter maincases shall also be made of the same lead free brass material in sizes 1-1/2” and 2” with a cover secured to the maincase with eight (8) bolts. Meters with a frost plug, a screw-on design, or no bottom cap shall not be accepted in 5/8”- 1” sizes. The 5/8” meters shall have a synthetic polymer cap.

All lead free maincases shall be guaranteed free from manufacturing defects in workmanship and material for the life of the meter.

All meters must be adaptable to a field programmable absolute encoder register without interruption of the customer’s service.

BOLTS

All maincase bolts shall be of 300 series non-magnetic stainless steel to prevent corrosion.

DIRECT READ STANDARD REGISTER OPTION

The register shall be of the straight reading sealed magnetic drive type and shall contain six (6) analog/mechanical numeral wheels and read in US Gallons. Registers using liquid crystal displays (LCD) or internal batteries will not be accepted. Registers must be roll sealed and dry. All direct reading register cups shall be copper to prevent corrosion and be covered with a high strength, impact resistant flat glass lens to prevent breakage. The lens shall be positioned above the register box to allow for run off of debris. The register lid shall overlap the register box to protect the lens. The register retaining ring shall be designed to absorb impact from the register. Register boxes and lids shall be of high-strength synthetic polymer on 5/8”x3/4 – 1” sizes and shall be bronze on commercial 1 ½”-2” sizes. All registers shall have the size, model and date of manufacture stamped on the dial face. The dial shall have a red center sweep hand and shall contain one hundred (100) equally divided graduations at its periphery.

The register must contain a low flow indicator with a 1:1 ratio to disc nutations to provide leak detection.

Registers shall be secured to the maincase by means of a plastic tamper-proof seal to allow for inline service replacement. Register seal screws are only accepted when supplied with attached sealing wire to at least one bottom cap bolt with seal wire holes of not less than 3/32” in diameter.

Registers shall be guaranteed for at least ten (10) years. All meters will be guaranteed for one year on material and workmanship.

MEASURING CHAMBER

The measuring chamber shall be of a two-piece snap-joint type with no fasteners allowed. The chamber shall be made of a non-hydrolyzing synthetic polymer.

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The control block shall be the same material as the measuring chamber and be located on the top of the chamber. The control block shall be located after the strainer.

The measuring chamber outlet port shall be sealed to the maincase outlet port by means of an “O” ring gasket.

The flat nutating disc shall be a single piece made from non-hydrolyzing synthetic polymer and shall contain a type 316 stainless steel spindle. The nutating disc shall be equipped with a synthetic polymer thrust roller located within the disc slot. The thrust roller head shall roll on the buttressed track provided by the diaphragm.

The chamber shall be warranted for ten (10) years against freeze damage if the meter has been equipped with a frost proof cast iron or synthetic polymer bottom cap.

STRAINERS

All meters shall contain a removable polypropylene plastic strainer screen. The strainer shall be located near the maincase inlet port, before the measuring chamber. The strainer shall also function as the device that holds the measuring chamber in place within the maincase. Straps or other types of fasteners shall not be accepted.

PERFORMANCE

To ensure accuracy, each meter must be accompanied by a factory test tag certifying the accuracy at the flows required by AWWA C700.

All meters shall be warranted as follows:

Size	Low Flow	Low Flow New Meter Accuracy	Low Flow Repaired Meter Accuracy
5/8"	1/8 gpm @ 95%	5 Yrs or 500,000 gallons	15 Yrs or 1,500,000 gallons
3/4"	1/4 gpm @ 95%	5 Yrs or 750,000 gallons	15 Yrs 2,250,000 gallons
1"	3/8 gpm @ 95%	5 Yrs or 1,000,000 gallons	15 Yrs or 3,000,000 gallons
1-1/2"	3/4 gpm @ 95%	2 Yrs or 1,600,000 gallons	12 Yrs or 5,000,000 gallons
2"	1 gpm @ 95%	2 Yrs or 2,700,000 gallons	12 Yrs or 8,000,000 gallons

Normal meter operating range shall be as follows:

Size	Accuracy Range ± 1.5%
5/8"	1/2 - 20 gpm
3/4"	3/4 - 30 gpm
1"	1 - 50 gpm
1-1/2"	2 - 100 gpm
2"	2-1/2 - 160 gpm

MANUFACTURER

Meters and meter parts shall be manufactured, assembled, and tested within the United States.

Manufacturers may be required to provide proof of where and what percentage of the meter register, chamber, and maincase is manufactured in the United States.

Manufacturers shall have a minimum of fifteen (15) years of field and production experience with all sizes and models quoted.

Acceptable meters shall be Neptune T-10 or approved equal

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**METER SPECIFICATIONS
COLD WATER METERS/COMPOUND TYPE SPECIFICATIONS**

SPECIFICATIONS

GENERAL

All meters furnished shall be manufactured by a registered ISO 9001 quality standard facility. Acceptable meters shall have a minimum of fifteen (15) years of successful field use. All specifications meet or exceed the latest revision of AWWA C702.

LEAD FREE LEGISLATION

Federal changes are on the horizon governing the acceptable amount of lead in the drinking water system. Knowing that water meters have a life expectancy of approximately 20 years, the Utility wishes to ensure that meters purchased today will meet the Safe Drinking Water Act (SDWA) per NSF 372 that will become effective in January 2014 for the following reasons:

- The Utility wishes to assure the safety of its drinking water.
- The Utility wishes to safeguard its investment in metering infrastructure.

As a result, the Utility requires that all water meters submitted in this proposal be compliant with NSF/ANSI 61, Annex G and Annex F. Specifically:

- Meters shall be made of “lead free” alloy as defined by NSF/ANSI 61, Annex G and Annex F.
- Manufacturer shall provide a copy of a letter from the NSF on NSF letterhead documenting compliance with NSF/ANSI 61, Annex G which allows a maximum weighted average lead content level of 0.25% of the wetted surface area.
- Manufacturer shall provide a copy of a letter from the NSF on NSF letterhead documenting compliance with NSF/ANSI 61, Annex F which requires leaching of less than 5 µg/L in tests performed per the NSF/ANSI 61 test methodology for water with pH of 5 and pH of 10.
- Manufacturer will provide documentation that its US-based foundry uses only lead free materials in the manufacture of its water meters. This documentation shall be signed by an authorized officer of the company.

TYPE

Compound meters shall consist of a combination of an AWWA Class II turbine meter for measuring high rates of flow and a nutating disc type positive displacement meter for measuring low rates of flow enclosed in a single maincase. An automatic valve shall direct flows through the disc meter at low flow rates and through the turbine meter at high flow rates. At high flow rates, the automatic valve shall also serve to restrict the flow through the disc meter to minimize wear.

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OPERATING CHARACTERISTICS

The meters shall comply with the operating characteristics shown below:

Size	Normal Operating Range (gpm)	Maximum Continuous Flow (gpm)	Maximum Loss of Head at Max Cont Flow (psi)	Maximum Intermittent Flow (gpm)	Low Flow (gpm)
2"	1/2 - 200	160	8	200	1/8
3"	1/2 - 450	350	8	450	1/8
4"	1 - 1000	700	8	1000	1/2
6"	1 1/2 - 2000	1400	8.5	2000	3/4
6" x 8"	1 1/2 - 2000	2000	10.5	2000	3/4

SIZE

The size of meters shall be determined by the nominal size (in inches) of the opening in the inlet and outlet flanges. Overall lengths of the meters shall be as follows:

Meter Size	Laying Length
2"	15 1/4"
3"	17"
4"	20"
6"	24"
6" x 8"	55 3/8"

CASE AND COVER

The maincase and cover shall be cast from an NSF/ANSI 61, Annex G and Annex F certified lead free high copper alloy containing a minimum of 85% copper. The size, model, NSF certification and arrows indicating direction of flow shall be cast in raised characters on the maincase or cover. The covers all contain a stainless steel calibration vane for the purpose of calibrating the turbine measuring element while the meter is inline and under pressure. A test plug shall be located in the maincase or the cover for the purpose of field testing of the meter.

EXTERNAL BOLTS

Casing bolts shall be made of AISI Type 316 stainless steel.

CONNECTIONS

Maincases shall be flanged. The 2" meters shall be oval flanged and 3" through 6" sizes shall be round flanged per Table 4, AWWA C702.

DIRECT READ REGISTER OPTION

Separate magnetic-drive registers shall record the flow of the turbine and disc meters and their total will be the registration of the compound meter. The registers shall be of the straight reading sealed magnetic drive type and shall contain six (6) analog/mechanical numeral wheels. Registers shall read in US Gallons. Registers using liquid crystal displays (LCD) or internal batteries will not be accepted. Registers must be roll sealed and dry. All direct reading register cups shall be copper to prevent corrosion and be covered with a high strength, impact resistant flat glass lens to prevent breakage. The lens shall be positioned above the register box to allow for run off of debris. The register lid shall overlap the register box to protect the lens. The register retaining ring shall be designed to absorb impact from the register.

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REGISTER BOXES

Register boxes and covers shall be of bronze composition. The name of the manufacturer shall be clearly identifiable and located on the register box covers.

REGISTER BOX SEALING

Registers shall be affixed to the cover by means of a plastic tamperproof seal pin that must be destroyed in order to remove the register.

METER SERIAL NUMBER

The meter serial number shall be imprinted on the meter flange or cover as well as the register box covers.

MEASURING CHAMBERS

The turbine measuring chamber shall be a self-contained unit, attached to the cover for easy removal. The turbine shaft shall be tungsten carbide with tungsten carbide inserts and shall rotate in removable graphite bushings. Thrust bearings shall be tungsten carbide.

The nutating disc chamber shall be a self-contained unit mounted on the cover and easily removable from the cover. It shall conform to AWWA Standard C700 for the following sizes: 2" and 3"- 5/8" disc; 4"- 3/4" disc; 6"- 1" disc. The inlet to the disc chamber shall be a "single" opening of adequate size not to be susceptible to plugging and water restriction by water-borne debris.

UNITIZED MEASURING ELEMENT

All compound meters shall be serviceable using a UME. A UME is a complete assembly, factory calibrated to AWWA standards that includes the cover, registers, and both a turbine measuring element and a nutating disc chamber assembly. It shall be easily field removable from the meter body without the requirement of unbolting flanges.

INTERMEDIATE GEAR TRAIN - TURBINE SECTION

The intermediate gear train shall be directly coupled from the turbine rotor and magnetically coupled to the register through the meter cover. The gear train shall be housed in the turbine measuring chamber. All moving parts of the gear train shall be made of a self-lubricating polymer or stainless steel for operation in water.

AUTOMATIC VALVE

The automatic valve shall be of the spring-loaded, poppet type. All valve parts shall be made of lead free high copper alloy containing a minimum of 85% copper, stainless steel, or a suitable polymer with a replaceable semi-hard EPDM rubber seat.

Only the cover must be removed to gain access to the valve for inspection or service.

The disc meter shall include a self-actuated valve that directs flow through the disc meter at low flow rates and through the turbine meter at high flow rates. At high flow rates, the self-actuated throttle valve shall restrict the flow through the disc meter to minimize wear.

STRAINER

A strainer shall be provided for the disc meter. It shall be easily removable and have an effective straining area of double the disc meter inlet.

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REGISTRATION ACCURACY

Registration accuracy over the normal operating range shall be 98.5% to 101.5%. Registration at the crossover shall not be less than 95% with direct reading registers. Registration at the crossover shall not be less than 90% with absolute encoder or generator remote registers.

Registration at the extended low flow rate shall not be less than 95%.

Acceptable meters shall be Neptune TRU/FLO Compound or approved equal.

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**METER SPECIFICATIONS
COLD WATER METERS / WATER METER STRAINERS SPECIFICATIONS**

GENERAL

All strainers furnished shall be manufactured by a registered ISO 9001 quality standard facility. Acceptable strainers shall have a minimum of fifteen (15) years of successful field use. This specification covers 150 psi working pressure plate-type strainers for use with water meters 3"-6" pipe size. The strainer is to be mounted upstream of the meter to prevent debris such as stones or pebbles greater than 3/16" in diameter from entering or damaging the meter.

GENERAL REQUIREMENTS

The strainer shall be designed for minimum weight and pressure loss and shall be in conformance with the data shown below:

Pipe Size (in)	Laying Length (in)	Maximum Height Base to Center of Flange (in)
3"	6"	3 3/4"
4"	7 1/2"	4 1/2"
6"	9"	5 1/2"

The strainer screen shall be made of perforated AISI Type 18-8 stainless steel plate and be shaped for maximum rigidity against forces exerted by the flow stream.

The effective straining area shall be at least double that of the meter maincase inlet area.

Strainers 3" and larger shall be furnished with round flanged connections. Bolt circle, bolt hole diameters, and flange dimensions shall be in compliance with meter connection specifications contained in ANSI/AWWA C701.

The strainer bodies and covers in sizes 3" through 6" shall be made from NSF/ANSI 61, Annex G and Annex F certified lead free bronze alloy containing a minimum of 85% copper. The manufacturer's name, strainer pipe size, and direction of flow (if required) shall be cast in raised letters and shall be clearly visible.

The manufacturer's name, strainer pipe size, and direction of flow (if required) shall be clearly marked on the strainer. Strainers of this size shall be equipped with flush ports.

Cover bolts for the 3" - 6" sizes shall be made of AISI Type 316 stainless steel.

Strainer cover shall be equipped with a vent screw to remove trapped air at installation.

Acceptable strainers shall be Neptune Lead Free Bronze Strainers or approved equal.

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METER SPECIFICATIONS
ABSOLUTE ENCODER REGISTER OPTION SPECIFICATIONS

DESCRIPTION - GENERAL

These specifications cover a self-contained encoder register designed to obtain remote simultaneous water meter registration directly from the register odometer.

ENCODER REGISTER UNIT

Registration

- The register shall provide a seven-digit visual registration at the meter with all 1,000 gallon and higher odometer wheels with black numerals and white background. All 100 gallon and 10 gallon odometer wheel with white numerals and black background.
- The unit shall, in a digital format, simultaneously encode the six most significant digits of the meter reading for transmission through the in-line connector to the AMR endpoint.
- The dial shall have a red center sweep test hand and shall contain 100 equally divided graduations at its periphery. Register test rings shall be available for shop testing.
- The register shall employ a leak detection indicator on the dial face.
- Registers using liquid crystal display (LCD), pulse generation, or conversion of pulses to digital output are not permitted. Batteries shall not be allowed.
- Registration shall be in US Gallons.

Mechanical Construction

- The unit must be constructed in a roll-sealed copper shell and glass lens assembly to provide a hermetic seal which is designed for flooding pit applications. No plastic lenses will be accepted.
- The register shall be attached to the meter case by a bayonet attachment or Stainless Steel Fastener. A tamperproof seal pin shall be used to secure the register to the maincase.
- The register shall be removable from the meter without disassembling the meter body and shall permit field installation and/or removal without taking the meter out of service.
- The unit shall be potted at factory to Itron 5' ERT connector with terminal connections permanently potted so that the terminal cover cannot be removed.

Electrical Construction

- The number wheels used in the register assembly shall be provided with spring-type bifurcated metal contacts to ensure data transmission.
- Digitally formatted data transmitted from the register shall incorporate a checksum character to verify correct information transmission and integrity.
- The absolute encoder register shall automatically detect between 2-wire and 3-wire register protocol.

Meter Reading Information

- The absolute encoder register shall provide to the reading equipment up to a six-digit meter reading. An identification number of 8 digits shall be provided with each reading. The 8 digit identification number shall match the 8 digit meter serial number when provided complete on a meter.
- The utility shall have the option to reprogram the internal register identification number an unlimited number of times.
- The absolute encoder register must have the capability to provide additional custom information to the reader. This information shall be programmed by the utility and have the ability to be reprogrammed at any time.

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BID FORM

Stock Number	MANUFACTURER MODEL NUMBER	DIRECT READ	W/5' Inline Connector
890-44-200180/DR 890-44-200168/ERT	METER, 5/8" X 3/4" BRONZE(NO LEAD)		
890-40-732019/DR 890-40-732036/ERT	METER RECLAIM WATER 3/4" X 3/4" PANTONE PURPLE		
890-44-200169/DR 890-44-200713/ERT	METER 5/8" X 3/4" DOUBLE CHECK,(NO LEAD)		
890-44-200181/DR 890-44-200182/ERT	METER, 1" BRONZE(NO LEAD)		
890-44-200176/DR	METER 1" RECLAIM PANTONE PURPLE		
890-44-200187/DR	METER 2" RECLAIM PANTONE PURPLE		
890-44-200170/DR	METER, 1 1/2" BRONZE, W/GASKET, OVAL FLANGE(NO LEAD)		
890-44-200186/DR	METER, 2" OVAL FLANGE, (NO LEAD)		

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Stock Number	MANUFACTURER MODEL NUMBER	DIRECT READ	W/5' Inline Connector
890-44-200184/DR	METER 3" COMPOUND,(NO LEAD)		
890-44-200185/DR	METER 4"COMPOUND(NO LEAD)		
890-44-200199/DR	METER 6" COMPOUND, (NO LEAD)		
	METER ACCESORIES	DIRECT READ	W/5' Inline Connector
890-45-200448/P-ERT	REGISTER, POTABLE, 5/8" METER, ENCODER STYLE WITH BLANK LID		
890-45-200449/P-ERT	REGISTER, POTABLE, FOR 1" METER ENCODER STYLE WITH BLANK LID		
890-45-200450/P-ERT	REGISTER, POTABLE, FOR 1 1/2" METER, ENCODER STYLE WITH BLANK LID		
890-45-200410/P-ERT	REGISTER, POTABLE, FOR 2" METER ENCODER STYLE WITH BLANK LID		
890-45-732413/R-ERT	REGISTER, RECLAIM, 5/8" METER, ENCODER STYLE WITH BLANK LID		
	REGISTER, RECLAIM, FOR 1" METER ENCODER STYLE WITH BLANK LID		

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	METER ACCESORIES	DIRECT READ	W/5' Inline Connector
890-45-732415/R-ERT	REGISTER, RECLAIM, FOR 1 1/2" METER, ENCODER STYLE WITH BLANK LID		
890-45-732416/R-ERT	REGISTER, RECLAIM, FOR 2" METER ENCODER STYLE WITH BLANK LID		
890-44-200178	STRAINER, PLATE, FOR WATER METERS, 3", (NO LEAD)		
890-44-200197	STRAINER, PLATE, FOR WATER METERS, 4", (NO LEAD)		
890-44-200198	STRAINER, PLATE, FOR WATER METERS, 6", (NO LEAD)		
ITRON PRODUCTS			
890-45-200533	ERT, 100W MODULES WITH CONNECTOR FOR USE WITH SPECIFIED METER		
890-45-200532	ERT PIT LID MOUNTING KIT W/ RETAINER CLIP FOR 100W ERT, (ITRON PART # CFG-1300-004)		

CONTRACT TERMS: This bid is for a One year term with the option for Three Additional One-Year Agreements

UTILITIES COMMISSION
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The COMMISSION reserves the right to award the contract to the Bidder(s) that the COMMISSION deems to offer the best overall bid. The COMMISSION is therefore not bound to accept a bid on the basis of lowest price. In addition, the COMMISSION at its sole discretion, reserves the right to cancel this Bid, to reject any and all bids, to waive any and all informalities and/or irregularities, to re-advertise with either the identical or revised specifications, or not award a contract at all if it is deemed to be in the best interest of the COMMISSION to do so. The COMMISSION also reserves the right to make multiple or split awards if it is deemed to be in the COMMISSION'S best interest. The COMMISSION shall not be responsible for any cost or expense incurred by the Bidder in preparing or submitting a bid or any cost prior to the execution of a contract agreement.

Submitted

by: _____

(Please Print)

Company

Name: _____

Date: _____

Title: _____

Phone No. _____

Fax No: _____

E-Mail: _____

Signature: _____

**UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA**

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STATEMENT OF NO BID

NOTE: If you do NOT intend to bid on this requirement/project, please return this form immediately. Thank you.

Utilities Commission, City of New Smyrna Beach, Florida

We, the undersigned have declined to submit a bid due to the following reason(s):

- Specifications too "tight", i.e. geared toward one brand/manufacturer service only (explain below).
- Unable to meet time period for responding to bid.
- We do not offer this product or service.
- Our schedule would not permit us to perform.
- Unable to meet specifications.
- Unable to meet Bond/Insurance requirement(s).
- Specifications unclear (explain below).
- Unable to meet insurance requirements.
- Please remove us from your "bidder's list".
- Other (specify below).

REMARKS: _____

We understand that if the "No Bid" letter is not executed and returned your name may be deleted from the bidder's list of the Utilities Commission, City of New Smyrna Beach, FL.

Company Name: _____ E-mail: _____

Bid Number: _____ Date: _____

Signature: _____ Fax: _____

Telephone: _____