

# NATIONAL WATER COMMISSION

## CONSUMER WATER METER INSTALLATION

CP-17/2018

Addendum N° 1

February 2019

- A. Tenderer's attention is brought to the following additions and modifications to the tender document.
1. Response to queries received from potential bidder (eleven pages).
  2. Modification to Sub-Clause 21.2 of the Instructions to Bidders (ITB), extension of the deadline for submission of proposals (one page).
- B. Tenderers are required to acknowledge receipt of this Clarification by return email or fax to the Purchasing Manager using the attached "Clarification Receipt Form" (one page).
- C. Tenderers are also required to complete the "Clarification Incorporation" form and enclose it with their tender submission (one page).



## **QUERIES and RESPONSES**

The following queries were received by the National Water Commission as at February 12, 2019.

***Bidder's Clarification #1:***

Does the NWC require any materials removed from existing installations to be returned to them? (e.g. old meters, anti-theft valves, metal/plastic/concrete boxes, meter couplings)

***NWC's Response:***

Yes, old meters shall be properly stored by the Contractor and returned to the NWC within six (6) months of removal. The NWC will indicate a storage area in each region. Removed valves, boxes and fittings shall be disposed where indicated by the NWC.

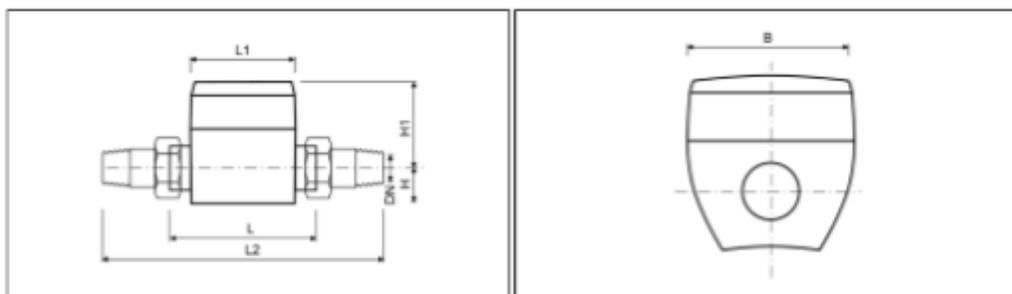
***Bidder's Clarification #2:***

With reference to Section VI Specifications & Performance Requirements, could you please provide the following specifications of the Diehl Hydrus ultrasonic water meters to be provided by NWC: meter size, meter length, thread connection type and dimension, quantity of each meter size?

***NWC's Response:***

See table overleaf.

**DIMENSIONS**



|                                   |                |                   |     |     |     |                  |     |      |     |
|-----------------------------------|----------------|-------------------|-----|-----|-----|------------------|-----|------|-----|
| Permanent flow rate               | Q <sub>2</sub> | m <sup>3</sup> /h | 1.6 | 1.6 | 1.6 | 1.6              | 1.6 | 2.5  | 2.5 |
| Nominal diameter                  | DN             | mm                | 15  | 15  | 15  | 20               | 20  | 15   | 15  |
| Overall length                    | L              | mm                | 110 | 165 | 170 | 130              | 190 | 110  | 165 |
| Counter length                    | L1             | mm                | 88  | 88  | 88  | 88               | 88  | 88   | 88  |
| Counter width                     | B              | mm                | 94  | 94  | 94  | 94               | 94  | 94   | 94  |
| Overall length with coupling      | L2             | mm                | 190 | 245 | 250 | 230              | 290 | 190  | 245 |
| Connection thread on meter        | Inch           | G¾B               | G¾B | G¾B | G1B | G1B              | G¾B | G¾B  | G¾B |
| Connection thread of coupling     | Inch           | R½                | R½  | R½  | R¾  | R¾               | R½  | R½   | R½  |
| Height                            | H1             | mm                | 67  | 67  | 67  | 65               | 65  | 67   | 67  |
| Weight without coupling (approx.) |                | kg                | 0.8 | 1   | 1   | 0.9              | 1.1 | 0.8  | 1   |
| Weight with coupling (approx.)    |                | kg                | 1   | 1.4 | 1.4 | 1.3              | 1.5 | 1    | 1.4 |
| Height                            | H              | mm                | 32  | 32  | 32  | 34               | 34  | 32   | 32  |
| Permanent flow rate               | Q <sub>2</sub> | m <sup>3</sup> /h | 2.5 | 2.5 | 2.5 | 4 <sup>7</sup>   | 4   | 4    | 4   |
| Nominal diameter                  | DN             | mm                | 15  | 20  | 20  | 20 <sup>7</sup>  | 20  | 20   | 20  |
| Overall length                    | L              | mm                | 170 | 130 | 190 | 110 <sup>7</sup> | 130 | 175  | 190 |
| Counter length                    | L1             | mm                | 88  | 88  | 88  | 88               | 88  | 88   | 88  |
| Counter width                     | B              | mm                | 94  | 94  | 94  | 94               | 94  | 94   | 94  |
| Overall length with coupling      | L2             | mm                | 250 | 230 | 290 | 210              | 230 | 295  | 290 |
| Connection thread on meter        | Inch           | G¾B               | G1B | G1B | G1B | G1B              | G1B | G1¼B | G1B |
| Connection thread of coupling     | Inch           | R½                | R¾  | R¾  | R¾  | R¾               | R¾  | R1   | R¾  |
| Height                            | H1             | mm                | 67  | 65  | 65  | 65               | 65  | 65   | 65  |
| Weight without coupling (approx.) |                | kg                | 1   | 0.9 | 1.1 | 0.9              | 0.9 | 1.1  | 1.1 |
| Weight with coupling (approx.)    |                | kg                | 1.4 | 1.3 | 1.5 | 1.3              | 1.3 | 1.7  | 1.5 |
| Height                            | H              | mm                | 32  | 34  | 34  | 34               | 34  | 34   | 34  |

<sup>7</sup> substitute for body length 105 mm rising pipe

**Bidder's Clarification #3.1:**

Regarding the Implementation of the project:

Will the Contractor be expected to install meters in all four (4) regions simultaneously?

**NWC's Response:**

The contractor is free to propose the suitable organization of the works to achieve the objectives of the project, if awarded for multiple lots.

**Bidder's Clarification #3.2:**

Could you please provide the schedule of delivery of meters per Region?

***NWC's Response:***

Meters will be assigned in relation to the total number of accounts per region.

| Year   | 2017  | 2018   | 2019   | 2020   | 2021   | 2022   | 2023  | Total   |
|--------|-------|--------|--------|--------|--------|--------|-------|---------|
| Amount | 9,600 | 86,400 | 86,400 | 86,400 | 86,400 | 86,400 | 8,400 | 450,000 |

***Bidder's Clarification #4:***

Will the NWC supply the meters in 40' containers to various regions?

***NWC's Response:***

Yes, the NWC will undertake the dispatching of the containers directly to the Contractor's yards in the regions, upon completion of custom clearance. A joint inspection of the container should be organized in the presence of the Contractor and the NWC, so that a delivery receipt is signed by the Contractor who then becomes accountable for those meters.

***Bidders Clarification #4.1:***

If the answer to the previous question is yes, could the containers remain at the Contractor's premises during the installation process?

***NWC's Response:***

Yes, this request is acceptable. Nonetheless, the NWC will confirm how many of those containers are 'last trip' containers and can stay at the Contractor's yard. Otherwise, the NWC will take it back upon unloading of the meters by the Contractor.

***Bidder's Clarification #5:***

Will the Contractor be responsible for installing meters for new customers/accounts or only current customer/accounts?

***NWC's Response:***

For specific cases where a massive meter installation is required for new customers (new housing schemes above 100 accounts), the NWC may request the Contractor to use his current organization to proceed. Also, for existing inactive accounts and regularize illegal from customer survey in accordance with the work orders/list provided for designated areas, by the NWC.

***Bidder's Clarification #6:***

Can the Contractor provide his own Work Order management system to generate work orders instead of using NWC's work order system (based on listing of accounts provided by NWC)?

***NWC's Response:***

Yes, this is acceptable.

***Bidder's Clarification #7:***

Will NWC provide PEX fittings in addition to PEX pipes, where and when necessary?

***NWC's Response:***

Yes, where necessary, the NWC will provide PEX fittings in addition to PEX pipes.

***Bidder's Clarification #8:***

What is the expected percentage of PEX pipes and HDPE pipes used for existing service connection per region?

***NWC's Response:***

The percentage is unknown but PEX pipe is preferred for new installations.

***Bidder's Clarification #9:***

Does the NWC require all meter boxes to be casted in Concrete?

***NWC's Response:***

No. We require concrete casted meter boxes only for paved areas.

***Bidder's Clarification #9.1:***

If the answer to the previous question is yes, what are the dimensions and/or volume of Concrete to be considered per meter installation?

***NWC's Response:***

Concrete is required only for paved areas. In such a case, concrete can either be poured on site or precast at the Contractor's facility around the box. It is expected to have two inches (2") of concrete around the box (Length and width), from bottom to top. The box shall always lay on a 2-inch bed of gravel.

***Bidder's Clarification #9.2:***

If not all meter boxes require to be casted in concrete, what would be the quantity to be casted in concrete?

***NWC's Response:***

Concrete is required only for paved areas which are estimated to be 25% of the total number of accounts/installations.

***Bidder's Clarification #10:***

Are 'Red Zones' included in the Project area?

***NWC's Response:***

Yes. 'Red Zones' are included in the project area.

***Bidder's Clarification #10.1:***

If the answer to the previous question is yes, what is the approximate number of meters to be installed in 'Red Zones' and/or Informal settlements per region?

***NWC's Response:***

All accounts and new accounts when consumers are regularized. This figure will be better approximated following the award with a joint analysis between the NWC and the contractor to confirm the total number of accounts.

***Bidder's Clarification #11:***

Prior to weekly partial taking over of the meter installation to the NWC, for such 'high pressure' areas where meters may experience Service Pressure above Maximum Allowed Pressure for pipes, fittings and meter, will the Contractor be released of responsibility in case of leakage?

***NWC's Response:***

If within a specific area, pressure is above Maximum Allowed Pressure for pipes, fittings and meter, the Contractor will not be responsible for leakage or burst of his installation. If such situation occurs, the Contractor shall immediately call the NWC to assist with the repair to avoid unnecessary NRW.

***Bidder's Clarification #12:***

What is the source of funding for the project?

***NWC's Response:***

The project will be funded from the NWC's Operational Budget.

***Bidder's Clarification #13:***

Is the funding secured for the entire amount of the Project?

***NWC's Response:***

Yes. The entire project financing will be funded from the NWC's internal cash flow.

***Bidder's Clarification #14:***

Could you please confirm that the Advance Payment is 20% of the Contract Price (SCC 49.1)?

***NWC's Response:***

As per ITB 36.1, the Advance Payment shall be limited to 10 percent of the Contract Price.

Please note amendment to Section V Special Conditions of Contract.

GCC 49.1 The Advance Payment shall be:  
10% of Contract Price and shall be paid in 5 five equal instalments on a yearly basis to the Contractor no later than 15 days after receipt of Letter of acceptance from the Procuring Entity and no later than 15 days after receipt of the request for Advance Payment from the Contractor each year thereon, provided that the Contractor has submitted the relevant Advance Payment Securities to the Procuring Entity.

***Bidder's Clarification #15:***

ITB 14.3: Should the rates and prices for the supply of materials to the NWC include duties & GCT?

***NWC's Response:***

Yes. The rates and prices for the supply of materials to the NWC should include duties & GCT.

***Bidder's Clarification #16:***

We refer to the BDS requirements for experience as per ITB 5.5(b) and specifically as it states:

“Experience as prime contractor in Meter Installation and project management contracts of at least the number of works of a nature and complexity equivalent to the Works over the period specified in the BDS (to comply with this requirement, works cited should be 100 percent complete)”

Please advise if we can still bid since our firm, as a company, has not been a prime contractor specifically in meter installations.

***NWC's Response:***

Yes, you can still bid and it is recommended that you pursue joint venture as an option.

***Bidder's Clarification #17:***

In accordance with section 1, Instructions to Bidders, Sub-clause 10.1, we kindly seek your clarification of the following query:

Section II. Bidding Data Sheet, ITB –

ITB 17.1 Bid shall include a Bid Security issued by a bank or a by a surety using the form for bid security (bank guarantee or bid bond) included in Section IX Security Forms. If a bid bond is provided it shall be sealed and registered at the stamp Office and must be submitted in its original form. Copies will not be accepted.

ITB 17.2 The Bid Security amount is 1% of bid value.

In light of the foregoing, we kindly ask the procuring Entity to state a fixed bid Security amount for each lot.

***NWC's Response:***

The NWC wishes to advise that ITB 17.2 is hereby amended as follows:

ITB 17.2 The Bid Security amount is JMD 2,500,000.00.

***Bidder's Clarification #18:***

Performance Security: Would you please specify if the Security for Performance can be in the form of bank guarantees issued by an overseas bank approved by the Procuring Entity?

***NWC's Response:***

As per ITB 35.1, the Standard Form of Performance Security acceptable to the Procuring Entity shall be a Performance Bond or Guarantee for amount of 10% of the Contract Price.

Please note amendment to Section V Special Conditions of Contract.

GCC 50.1 The Performance Security amount is as follows:

(a) Bank Guarantee: 10 percent of the contract value for each Region for which the Contractor is awarded.

(b) Performance Bond: 10 percent of the contract value for each Region for which the Contractor is awarded.

Additionally, Performance Security from an overseas bank is acceptable. If the institution issuing the bond is located outside of Jamaica, it must have a correspondent financial institution located in Jamaica to make it enforceable.

***Bidder's Clarification #19a:***

Retention Money: Could the Retention Money be substituted at commencement of the Project by a Retention money Guarantee issued by an overseas bank approved by the Procuring Entity?

***NWC's Response:***

Retention money from an overseas bank is acceptable. If the institution issuing the bond is located outside of Jamaica, it must have a correspondent financial institution located in Jamaica to make it enforceable.

***Bidder's Clarification #19b:***

Since there is no Defects Liability Period, would you confirm that the entire amount held for Retention would be prepaid upon issuance of a Completion certificate, or in the case of a Bank Guarantee, that the Guarantee will be fully released upon the issuance of a Completion Certificate?

***NWC's Response:***

Repaid yearly with a one (1) week defects liability to correct any defect.

***Bidder's Clarification #20:***

Taxes for imported goods (meter boxes and fittings): Could these be imported in the name of the Procuring Entity and thus benefit from a specific tax regime? OR will these be imported by the Contractor and thus be subject to the applicable customs duties and taxes?

***NWC's Response:***

No, this should be imported by the contractor and would therefore be subject to the applicable customs duties and taxes.

***Bidder's Clarification #21:***

Insurances: The meters delivered by the Procuring Entity to the Contractor will be insured under the All

Risks Policy. So as to calculate the sum to be insured, would the Procuring Entity provide a Delivery Schedule include the value of each delivery?

***NWC's Response:***

No. See response to Bidder's Clarification #4. The estimated cost per meter is EUR\$104.

***Bidder's Clarification #22:***

Section 1, ITB 4.4: *At the time of contract award, the bidder must be registered with the National Contracts Commission "Register of Public Sector Contractors. In the case of a JV comprising two members, is this applicable to both members of the JV or to either member of the JV?*

***NWC's Response:***

This is applicable to all members of the Joint Venture. However, the lead partner in the Joint Venture is required to be registered with the National Contracts Commission (NCC) in the required category(ies) and grade at the time of bid submission while the other partner(s) in the JV need only to be registered with the NCC in the required category(ies) at the time of contract award.

Prospective bidders are asked to take note of the modification to Section 1, ITB 4.4, which now reads as follows:

At the time of bid submission, the bidder must be registered with the National Contracts Commission "Register of Public Sector Contractors in any of the following categories:

Mechanical Works, Grade 1, minimum OR  
Pipelaying, Grade 1, minimum OR  
Civil Engineering works, Grade 1, minimum

***The bid document states at the time of award but should have been at the time of bid submission***

***Bidder's Clarification #23:***

Section 1, ITB 5.3: *If the Procuring Entity has not undertaken prequalification of potential bidders, all bidders shall include the following information and documents with their bids in Section III, unless otherwise in the BDS:*

...

*(j) proposals for subcontracting components of the Works amounting to more than 10 percent of the Contract Price. The ceiling for subcontractor's participation is stated in the BDS.*

We do not see 5.3(j) in the BDS. Would the Procuring Entity specify the maximum amount for subcontractor's participation?

***NWC's Response:***

The ceiling for sub-contractor's participation is: 20%

***Bidder's Clarification #24:***

Section 1, ITB 5.5: *To qualify for award of the Contract, bidders shall meet the following minimum qualifying criteria*

...

*(e) liquid assets and/or credit facilities, net of their contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than the amount specified in the BDS.*

We do not see ITB 5.5. in the BDS. Would you please specify the amount?

***NWC's Response:***

The amount would be J\$ 1.6 Billion

***Bidder's Clarification #25:***

Section 1, ITB 20.2: *The inner and outer envelopes shall*

...

*(b) bear the name and identification number of the Contract as defined in the BDS*

Would the Procuring Entity provide the identification number of the Contract?

***NWC's Response:***

Please see amendment to ITB 20.6(b) which should read:

ITB 20.2(b) Name and Identification number of the contract is: Consumer Water Meter Installation Programme Islandwide (CP-17/2018)

***Bidder's Clarification #26:***

Section II, BDS, ITB 30: ITB 30.a states that General Experience in the Water Sector will be assessed at 15 points, however we do not see the requirements to submit evidence of General Experience in the Bid Documents nor the form to be completed. Would the Procuring Entity provide the form to be completed for General Experience?

***NWC's Response:***

Please refer to Section III - Forms of Bid, Qualification Information, Letters of Acceptance, and Agreement of RFP. Please see enclosed below:

## General Construction Experience

[The following table shall be filled in for the Bidder and for each partner of a Joint Venture]

Bidder's/Joint Venture Partner's Legal Name: [insert full name]

Date: [insert day, month, year]

Bidder's JV Party Legal Name: [insert full name]

ICB No. and title: [insert ICB number]

| Starting Month / Year  | Ending Month / Year    | Contract Identification   | Role of Bidder   |
|------------------------|------------------------|---|--|
| [indicate month/ year] | [indicate month/ year] | Contract name: [insert full name]<br>Brief Description of the Works performed by the<br>Applicant: [describe works performed briefly]<br>Amount of contract: [insert amount in US\$ equivalent]<br>Name of Procuring Entity: [indicate full name]<br>Address: [indicate street/number/town or city/country] | (insert "Contractor" or "Subcontractor" or "Contract Manager") |
|                        |                        | Contract name: [insert full name]<br>Brief Description of the Works performed by the<br>Bidder: [describe works performed briefly]<br>Amount of contract: [insert amount in US\$ equivalent]<br>Name of Procuring Entity: [indicate full name]<br>Address: [indicate street/number/town or city/country]    | (insert "Contractor" or "Subcontractor" or "Contract Manager") |

**Bidder's Clarification #27:**

Section III, Qualification Information, Item 1.2: Annual amounts of construction works performed during the last [insert number pursuant to BDS sub clause 4.5(a)] years [insert amounts in the national currency equivalent]

Would Procuring Entity please clarify if national currency, in this and other sub-clauses in the BDS Documents, refers to the currency of the country in which the project was implemented or the currency of the country of the Procuring Entity?

**NWC's Response:**

Currency of the country where work was done.

***Bidder's Clarification #28:***

*Major items of Contractor's Equipment proposed for carrying out the Works.*

...

In the case of a JV, should the information requested be provided for each member of the JV or for the JV only?

***NWC's Response:***

The major items of Contractor's Equipment proposed for carrying out the Works should be submitted for the Joint Venture Only.

***Bidder's Clarification #29:***

Would the Procuring Entity provide a definition for Defects Correction Certificate, the duration of the Defects Correction Period and the event which will activate the issuance of the Defects Correction Certificate?

***NWC's Response:***

Request for take over certificate the NWC can take note of defect and the contractor would have one week to correct.

***Bidder's Clarification #30:***

Please indicate how the meters will be distributed. Will they be distributed all from Kingston? Or will it be distributed into the regions of the NWC. And if they will be distributed by the regions indicated where these regional distribution centres are located.

***NWC's Response:***

Site yards to be agreed for each Region between the Procurement entity and the approved contractor.

***Bidder's Clarification #31:***

Will the meters be distributed weekly, monthly, quarterly, half yearly or annually? And if this distribution will be based on the data sent in by perspective tenders.

***NWC's Response:***

The meters will be distributed in batches and the frequency will be determined after award.

***Bidder's Clarification #32:***

Please describe what is considered data management system, computers, and software. Please name the software which is considered adequate.

***NWC's Response:***

Please note amendment to ITB 5.5 (c), bullet point 3:

- Data management system (including computers, GPS units and software) to manage meter replacement data required by the Procuring Entity.



### **Modification to Sub-Clause 21.2**

In accordance with **Clause 21** of the Instructions to Bidders (ITB) the deadline for the submission of proposals has been further extended to **11:00 a.m., Thursday, March 14, 2019** with opening to proceed shortly thereafter at **11:15 a.m.** In which case all rights and conditions that were previously subjected to the original deadline shall thereafter be subjected to the deadline as extended.

# NATIONAL WATER COMMISSION

## CONSUMER WATER METER INSTALLATION

CP-17/2018

Addendum N° 1

February 2019

### ADDENDUM RECEIPT FORM

We confirm receipt of Addendum No 1 and confirm that we shall incorporate it within our Tender.

Signed: ..... Date: .....

Name:.....

Position:.....

Company:.....

**THIS FORM SHALL BE EMAILED TO [purchasing.manager@nwc.com.jm](mailto:purchasing.manager@nwc.com.jm) AND/OR FAXED TO THE PURCHASING DEPARTMENT AT THE FOLLOWING NUMBER: Jamaica (876) 929-1480**

# NATIONAL WATER COMMISSION

## CONSUMER WATER METER INSTALLATION

CP-17/2018

Addendum N° 1

February 2019

### ADDENDUM INCORPORATION FORM

We confirm that we have incorporated Addendum No 1 within our Tender.

Signed:..... Date: .....

Name:.....

Position:.....

Company:.....

***THIS FORM SHALL BE INCLUDED WITHIN THE TENDER SUBMISSION***