 MAHARASHTRA NATURAL GAS LIMITED	REPLY TO BIDDERS QUERIES AGAINST TENDER FOR RATE CONTRACT FOR THE PERIOD OF 2 YEARS FOR PROCUREMENT OF NATURAL GAS DIAPHRAGM METERS FOR CGD NETWORK OF MNGL, PUNE Bid No.: MNGL/C&P/2017-18/116
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Date: 08.02.2018

Replies to Queries of the Bidders


SUB: Replies to queries of the bidders against Tender for Rate Contract for the period of 2 years for Procurement of Natural Gas Diaphragm Meters for CGD Network of MNGL, Pune

REF: Bid Document No. MNGL/C&P/2017-18/116 dated 18.01.2018.


Dear Sir,

Following are the replies to queries of the bidders. Kindly note the same.

Sl. No.	Bidder's Query / Clarification	MNGL' Reply
1	VII - Bid Due Date Bid Due Date is 08.02.2018 Kindly extend the Bid Due date for 2 week after receipt of Pre-Bid Query Reply.	Bid due date is extended upto 15.02.2018, 15:00 hours
2	7. Delivery Schedule Page No.: 88 of 99 Completion schedule : 12 weeks from date of the written intimation (Delivery Order) from MNGL The delivery period of 12 weeks for is grossly inadequate for delivery of Domestic Diaphragm Meter. As the meters are manufactured outside India and considering the transportation time and the Third Party Inspection including the document approvals, We would request MNGL to kindly consider delivery period of at least 14-16 weeks from the date of FOI/PO. All major CGD companies has delivery time of atleast 14-16 weeks, request you to kindly consider the same.	Tender condition prevails.
3	CI No 3.1.4 Valid Type Approval Certificate Valid approval certificate for compliance of the offered model of gas meter to the requirements of EN 1359 from FCRI / DVGW / BG or equivalent along with the Bid to qualify BEC. Please confirm the Type Approval Certificate/ Type Examination Certificate/ Type Compliance Certificate is required as per BS EN 1359 A1:2006 / OIML (The International Organization of Legal Metrology) and the Type Approval Certificate must be issued from the	Bidder shall submit valid approval certificates for compliance of the offered model of gas meter to the requirements of BS EN 1359 and Measuring Instruments Directive (MID) 2014/32/EU, issued by BG, DVGW or equivalent reputed and authorized agency along with the technical bid.

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	<p>notified body (i.e. PTB, NMI, LNE, NPL, etc.) as per the International Standard for pattern approval. Please note that FCRI is not authorized to provide any Type Approval Certificate. FCRI can provide only "Certification of Testing" or Verification certificate which is valid for only one particular meter not for pattern approval.</p>	<p>Bidder shall submit valid certificate of type approval issued by Department of Legal Metrology (Govt. of India) for the offered models of diaphragm gas meters, along with the technical bid.</p>
4	<p>Datasheet Automatic Meter Reading System The gas meters should be compatible for implanting the automatic meter reading system at a later stage by retrofitting an appropriate signal transmitting device. Bidder is to mention the Pulse Output Voltage of the meter.</p> <p>Please confirm that the Reed Switch Technology for pulse output is not acceptable as this technology is highly prone to magnetic tampering which will defies the requirement of AMR, also confirm the pulse generating mechanism should remain unaffected by external magnet.</p>	<p>Tender condition prevails and the pulse generating mechanism should remain unaffected by external magnet.</p>
5	<p>CI No 2.4 Third Party Inspection Please confirm the TPI is in Bidder scope or Purchaser's scope.</p>	<p>Yes. TPI is in Bidder's scope for inspection at FCRI, Kerala.</p>
6	<p>Datasheet Ingress Protection IP65 Please confirm the acceptance of IP54 ingress protection</p>	<p>Tender condition prevails.</p>
7	<p>Datasheet The bidder shall comply the requirement of Legal Metrology Act 2009 (Act No. 1 of 2010) clauses as follows 1) Clause No. 24.1 (Verification and stamping of weight or measure) 2) Clause No.22 (Approval of model) 3) Clause no.19 (Registration for importer of weight or measure) 4) Clause no. 23. (Prohibition on manufacture, repair or sale of weight or measure without license)</p>	<p>Confirmed that the Verification & Stamping of Individual Domestic Meter is not Required. However all other conditions are mandatory as per the requirement.</p>

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	<p>Please confirm that the Verification & Stamping of Individual Domestic Meter is not Required as the same is not being done for Domestic Diaphragm Meters by Legal Metrology Department. However Model approval certificate is a mandatory requirement.</p>	
8	<p>Datasheet Standard Approved to EEC and OIML Standards. Note:1 Please confirm the applicability of latest EN Standard EN1359:1998+A1:2006.</p>	Confirmed. Latest EN 1359 standard to be followed.
9	<p>Datasheet of Domestic Diaphragm Meter Page No.: 96 of 99 Ingress Protection: IP 65 and above The diaphragm gas meters are volumetric gas meters where the volume is measured by periodical filling and emptying of several measuring chambers with deformable (moving) partitions (diaphragms) usually designed for long run. As per the clause 4.4 of EN1359 Meters meeting the requirements of this standard except for Annex F are deemed suitable for installation in closed (indoor or outdoor with protection as specified by the manufacturer) locations with condensing humidity. If the manufacturer declares that the meter is suitable for installation in open (outdoor without any protection) locations with condensing humidity then it shall also meet the requirements of Annex F. In view of the same we request MNGL to kindly confirm acceptance of IP54 also.</p>	Tender condition prevails.
10	<p>Datasheet of Domestic Diaphragm Meter Page No.: 97 of 99 The gas meters should be compatible for implanting the automatic meter reading system at a later stage by retrofitting an appropriate signal transmitting device. Bidder is to mention the Pulse Output Voltage of the meter. Please elaborate the requirement, as the same is standard for all meter manufacturers worldwide with similar technology. Further details can be provided during detailed engineering. Kindly confirm.</p>	Accepted, provided it should meet the requirement as per tender.
11	<p>Datasheet of Domestic Diaphragm Meter Page No.: 96 of 99</p>	Confirmed.



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NATURAL GAS LIMITED**

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	<p>Accuracy + 3% (Qmin. to 0.2 Qmax.) + 2% (0.2 Qmax. To Qmax.)</p> <p>As per the EN 1359 the Accuracy requirement is +/- 3% (Qmin. to 0.2 Qmax.) +/- 1.5% (0.2 Qmax. To Qmax.) . We understand that the requirement of accuracy by MNGL is the same. Kindly confirm.</p>	<p>Accuracy requirement is as under: +/- 3% (Qmin. to 0.2 Qmax.) +/- 1.5% (0.2 Qmax. To Qmax.)</p>
12	<p>Datasheet of Domestic Diaphragm Meter Note No. 1 Page No.: 97 of 99 The meters shall be approved and manufactured in accordance with the requirement of BS EN 1359:1999, or equivalent and as per the requirement of this data sheet.</p> <p>We understand that as the previous Directive 71/318/EC for Diaphragm Gas Meters has been invalid since 30 October 2007 and has been replaced by MID (Measuring Instruments Directive) Certificate which stands as a mandatory requirement for city gas distribution companies, the model quoted should have MID approval. As per the PNGRB norms latest EN1359 standard needs to be followed and hence we understand that latest approval (MID) as per the standard also needs to be followed, please confirm.</p>	<p>Confirmed as per reply to Sl. No. 3 above.</p>
13	<p>Datasheet of Domestic Diaphragm Meter Note No. 1 Page No.: 97 of 99 The meters shall be approved and manufactured in accordance with the requirement of BS EN 1359:1999, or equivalent and as per the requirement of this data sheet.</p> <p>Currently MID approval has been accepted by all CGD companies within India and relevant documents for the same are attached herewith for your ready reference. Kindly confirm whether MID should be mentioned on the meter or not.</p>	<p>Confirmed as per reply to Sl. No. 3 above.</p>
14	<p>Datasheet of Domestic Diaphragm Meter Note No. 1 Page No.: 97 of 99</p>	<p>Please refer to reply of point no. 3 above.</p>

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<p>The meters shall be approved and manufactured in accordance with the requirement of BS EN 1359:1999, or equivalent and as per the requirement of this data sheet.</p> <p>As per our understanding compliance to a standard does not allow any bidder to just submit Test Report from different labs. Such diaphragm gas meters shall be approved and tested in accordance with all the prevailing requirements of PNGRB Technical Standards & specifications including Safety standards for City or Local Natural Gas Distribution Networks (also known as T4S), BS EN 1359 standards. Valid EC-Type approval certificates which conforms to the standards also needs to be submitted to fulfill the technical requirement, please confirm.</p> <p>All major CGD's like MGL & IGL require this document to be submitted by all bidder, relevant technical specifications of the tender documents from IGL & MGL are attached herewith for your ready reference.</p>	
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Please submit the signed & stamped copy of Replies to Queries of the Bidders along with tender document with your techno-commercial offer as a token of acceptance.

All the others terms and conditions of the bid documents are unchanged.

With regards.

Ganesh Said
Sr. Manager (C&P)