 <b>MAHARASHTRA NATURAL GAS LIMITED</b>	<b>REPLY TO BIDDERS QUERIES AGAINST TENDER FOR RC FOR THE PERIOD OF 2 YEARS FOR PROCUREMENT OF NATURAL GAS DOMESTIC REGULATORS &amp; SERVICE REGULATOR WITH MODULE ASSEMBLY FOR CGD NETWORK OF MNGL, PUNE</b>  <b>Bid No.: MNGL/C&amp;P/2017-18/34</b>
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Date: 02.08.2017

**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 Domestic Regulators & Service Regulator with Module Assembly for CGD Network of MNGL, Pune**

REF: Bid Document No. MNGL/C&P/2017-18/34 dated 12.07.2017.


Dear Sir,

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

Sl. No.	Bidder's Query / Clarification	MNGL' Reply
	<b>Commercial</b>	
1	<b>Extension of Bid due date</b>	<b>Due date of submission of bid is extended upto 10.08.2017, 15:00 hours.</b>
	<b>Technical</b>	
1	In regards to Natural Gas Service Regulators of 25, 50, 100 and 200 SCMH Capacity to be used for fabrication of module, Accuracy Class in data sheet is stated as AC 5 and Closing Pressure Class in data sheet is stated as SG 10 complying to EN 334. As these Regulators are high inlet pressure service regulators with high flow compared to Domestic Application, the Accuracy Class of AC 5 and Closing Class of SG 10 is extremely difficult to achieve in Service / Commercial regulators and we hereby recommend and request you to accept accuracy class as AC 10 and closing pressure class of SG 20 complying to EN 334 as accepted by most of the CGD. The changes in AC and SG class will have no effect of the performance of Service Regulator and its functionality.	Accuracy class as AC 10 and closing pressure class of SG 20 complying to EN 334 is accepted.
2	In regards to all types of Service Regulators, it is strongly recommended and advised to have only Double Stage Pressure Reduction Regulators for more safe and consistence performance as compared to Single Stage Pressure Reduction regulators. Double Stage Pressure Regulators are more compact, easy to install and maintenance as well as approved by most of CGD for its application for Modules.	Service regulators shall be of double stage pressure reduction type.

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3	<p>In regards to 200 SCMH Service Regulator Modules which is very high flow modules, we would request you to accept twin stream arrangement where in instead of single 200 SCMH Service Regulator, two Nos. of 100 SCMH Service Regulators to be installed in parallel which will suffice the requirement of flow and also will be economically viable and with technically proven design.</p>	Tender condition prevails.
4	<p><b>Data Sheet MNGL/REG/SR-25/001 and MNGL/REG/SR-50/001</b>  <b>Connection Orientation</b> : Inline Inlet and Outlet connection  We request you to accept Angular Connection, with Angle connection we can produce more compact Module. Kindly accept the same</p>	Acceptable
5	<p><b>Section-IX - Technical specification</b>  <b>Module Main Component, section h</b>  Transition fittings at inlet and outlet of SR module (100 &amp; 200 SCMH size).  We understand that bidder has to provide transition fitting for Inlet and Outlet both, matching with outlet pipe size. Kindly confirm.</p>	Bidders understanding is correct.
6	<p><b>Section-IX - Technical specification</b>  <b>Sizing of Pipe Line</b>  Gas velocity in pipe work must not exceed 20 meter/sec on upstream side of filter &amp; 40 meter/sec on downstream side of filter, when the maximum flow occurs at the lowest expected inlet pressure and normal outlet pressure.   We understand that sizing must be done as per given velocity limits and Module must be design as per calculated pipe size and Regulator connection will be as per calculated pipe size. Kindly Confirm.</p>	Bidders understanding is correct.
7	<p><b>Section-IX - Technical specification</b>  <b>Sizing of Pipe Line</b>  Valve sizes shall be comparable with regulator and size of pipe work used.   We understand that sizing must be done as per given velocity limits and Module must be design</p>	Bidders understanding is correct.

 <p><b>MAHARASHTRA NATURAL GAS LIMITED</b></p>	<p><b>REPLY TO BIDDERS QUERIES AGAINST TENDER FOR RC FOR THE PERIOD OF 2 YEARS FOR PROCUREMENT OF NATURAL GAS DOMESTIC REGULATORS &amp; SERVICE REGULATOR WITH MODULE ASSEMBLY FOR CGD NETWORK OF MNGL, PUNE</b></p> <p><b>Bid No.: MNGL/C&amp;P/2017-18/34</b></p>
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	<p>as per calculated pipe size, in place of equivalent to Regulator connection size. Kindly Confirm.</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)