 MAHARASHTRA NATURAL GAS LIMITED	REPLY TO BIDDERS QUERIES AGAINST TENDER FOR PROCUREMENT OF SS TUBES FOR CNG FILLING STATIONS FOR CNG & CGD PROJECTS OF MNGL, PUNE Bid No.: MNGL/C&P/2019-20/38
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Date: 12.06.2019

Replies to Queries of the Bidders


SUB: Replies to queries of the bidders for Tender for Procurement of SS Tubes for CNG filling stations for CNG & CGD Projects of MNGL, Pune

REF: Bid Document No. MNGL/C&P/2019-20/38 dated 17.05.2019 & Addendum – I dated 06.06.2019.

Dear Sir,

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

Sr. No.	Bidder's Queries / Clarification	MNGL Reply / Clarification
1	<p>Clause no. 6.2 (Pg. No. 86) Tubing material shall have minimum molybdenum content 2.5%, carbon content of max. 0.030%.</p> <p>Clarify whether 2% moly. Content is acceptable. Moly. percentage is 2% to 3 % as per ASTM A269 standard.</p>	Accepted. 2% moly. content is also accepted.
2	<p>Clause No. 6.6 (Pg. No. 86) Each tube shall be hydro tested as per requirement of ASTM A450</p> <p>Please clarify that only eddy current test is acceptable. Both test have the same purpose to check the soundness of the tube. As per ASTM A269, manufacturer may test either by Eddy current test or Hydrostatic test.</p>	Accepted
3	<p>Clause No. 6.5 (Pg. No. 86) Tube hardness shall be less than Rb 80. Tubes shall be NACE MR 0175 certified for hardness. Hardness test shall be carried out on each tube.</p> <p>Hardness test will be carried on a lot. Max. Hardness of HRB80 gives Good bendability, Essential for quality ferrule joints.</p>	Accepted
4	<p>Clause No. 6.5 (Pg. No. 86) All SS tubes shall be online 100% eddy current Tested as per ASTM A450.</p> <p>ASTM A1016 as the standard has been revised accordingly as per ASTM.</p>	Bidder has to consider latest standard and as amended time to time.

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5	<p>Clause No. 6.4 (Pg. No. 86) Tube shall be seamless.</p> <p>The process is followed for manufacturing Mother Hollows through Hot Extrusion Process followed by Cold Pilgering / Cold Drawing followed by Bright Annealing after every intermittent process.</p>	Accepted. Bidder has to prefer best engineering practice.
6	<p>Clause No. 6.3 (Pg. No. 86) Tube shall be bright annealed.</p> <p>Bright Annealing is done to avoid contact of tubes with acid during Pickling to avoid Corrosion.</p>	Yes, tube shall be bright annealed.
7	<p>Clause no. 6.2 (Pg. No. 86) Tubing material shall have minimum molybdenum content 2.5%, carbon content of max. 0.030%.</p> <p>Please clarify whether content of Nickel –13% is acceptable.</p>	Accepted as per standard.
8	<p>Clause no. 6.9 (Pg. No. 86) Tube shall be of 5 to 6 meters in length.</p> <p>Clarify the specific length of the tube either 5 or 6 meters.</p>	The length of tube shall be 6 meters.
9	<p>Clause No. 6.5 (Pg. No. 86) All SS tubes shall be online 100% eddy current Tested as per ASTM A450.</p> <p>The Ultrasonic Testing with Rotating Probe and 12.5% Notch is also carried out on the Tubes as per ASTM E-213 specifications.</p>	Accepted. Bidder has to prefer best engineering practice.

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)