



**CORRIGENDUM - 1**  
**TENDER NO\_AGL/0311/TO/SS TUBING/06-19**

Sr.no.	Clause No./Document No.	Page no.	Query Description	Bidder's Query	AGL Reply/Remarks
1	Section -III - Technical Specification, Clause No.5	Page 32 of 157	Hydrotest	NDE eddy current testing is an more preferable and superior option over Hydrotesting . Also as both the tests have the same purpose, to check the soundness of the tube, there is no need or specification required as per ASTM A269 to do hydrotest.	<b>Tender Condition Prevails</b>
2	Section -III - Technical Specification, Clause No.6.5.2	Page 33 of 157	Area classification applicable for all items shall be Class 1, Division 1, Group D as per NEC or Zone-1	Area classification is subjected for electrical components and hence does not apply to our components as they categorize as mechanical components.	<b>Accepted</b>
3	Section -III - Technical Specification, Clause No.6.5.3	Page 33 of 157	All the parts should be interchangeable with any other reputed fittings.	Swagelok does not recommend interchangeability of fitting components considering safety, longer functionality , manufacturing tolerances and best practices that are followed by Swagelok.	<b>Tender Condition Prevails</b>
4	Section -III - Technical Specification, Clause No.6.5.6	Page 33 of 157	Spanner hold shall be metric	Spanner hold has to be kept flexible as for imperial fittings it is imperial and for metric fittings it is metric .	<b>Spanner hold shall be metric for metric type of fittings and imperial for imperial type of fittings.</b>
5	Section -III - Technical Specification, Clause No.6.5.7	Page 33 of 157	All Fittings should be hydro-tested to a pressure of 1.5 times the working pressure.	For hydro test a typical type test report will be submitted instead of the requested requirement .Also if the fittings are hydrotested the ferrules get utilised and then have to be replaced.	<b>Accepted</b>
6	Section -III - Technical Specification, Clause No.6.5.16	Page 34 of 157	Rear Ferrule:RC 60 hardness ,Rear ferrule shall not be hardened by Heat treatment. v. For hardening of back ferrule multiple processes shall not be-used	Please mention hardness in RB unit to keep the symmetry in the unit of hardness .Swagelok has its patented and proven Heat treatment process for rear ferrules .	<b>Pls refer clause no 6.3, Page no. 33 of 157.</b>
7	Section -III - Technical Specification, Clause No.6.5.18	Page 34 of 157	Fitting body, nut and Ferrules shall be Electro polished.	Please note that for proper sealing action body bevel and front OD of ferrule needs to be electro polished and these are provided by Swagelok as per standard manufacturing practices.	<b>Tender Condition Prevails</b>
8	Section -III - Technical Specification, Clause No.12	Page 35 of 157	Guarantee	Swagelok Offers limited Life time warranty on all its components.	<b>Tender Condition Prevails</b>
9	Section -III - Technical Specification, (Specification for SS Valves) Clause No. 6.1	Page 47 of 157	<b>Specification for SS valves</b> Area classification applicable for all items shall be Class 1, Division 1, Group D as per NEC or Zone-1, Group IIA/IIB as per IS/IEC specification or equivalent specification.	Area classification is subjected for electrical components and hence does not apply to our components as they categorize as mechanical components.	<b>Pls refer reply to Sr. No. 02.</b>
10	Section -III - Technical Specification, (Specification for SS Valves) Clause No. 6.2	Page 47 of 157	<b>Specification for SS valves</b> Design Temperature range of -40 F to +250F.	Swagelok 83 series ball valves have the working temperature range of (0 to 450°F).This is well suited for CNG application, widely catered to CGDs and globally accepted . AFS series complies the temperature requirement.	<b>Accepted</b>



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11	Section -III - Technical Specification, (Specification for SS Valves) Clause No. 7.1	Page 48 of 157	<b>Specification for SS valves</b> The Valve Manufacturer shall submit factory test reports for the following tests carried out on each valves: i. Hydrostatic seat leak test shall be carried out with de-ionized water. There shall be no detectable seat leakage at 1.1 times the rated pressure of the valve. ii. Gas pressure test for seat shall be carried out with nitrogen at 1000 psig. There shall be no detectable external leakage. Maximum allowable seat leakage shall be 0.1 std-cc/min.	As per this clause, Swagelok provides Gas pressure test (ii) as requested for each valve however for hydrostatic leak test (i) we propose typical type test report which would be an more economical option. We confirm our compliance for test procedure and acceptance criteria.	<b>Pls refer reply to Sr. No. 05.</b>
12	Section -III - Technical Specification, (Specification for SS Valves) Clause No. 8.1	Page 48 of 157	<b>Specification for SS valves</b> Manufacturer should conform that valves are approved by Rail Road Commission of axes, LP Gas Division under regulation for compressed natural gas or ANSI / AGA NGV 3.1 1995, CAN / CGA-12-3-M95 "Fuel Systems Components for Natural Gas Powered Vehicles" by "Canadian and Association"	We request you to clarify if this clause is applicable for tender supply scope / SOR (A) as it calls for Natural gas powered vehicles.	<b>Please refer Sr. no. 4.3 of SOR (A).</b>
13	Section -III - Technical Specification, (Specification for SS Valves) Clause No. 12	Page 49 of 157	<b>Specification for SS valves</b> Guarantee	Swagelok Offers limited Life time warranty on all its components.	<b>Tender Condition Prevails</b>
14	Section -III - Technical Specification, (DATASHEET for Ball Valves) Sr. No. 6	Page 51 of 157	Datasheet Ball valves (3/4" and 6000 psig) EACH VALVE SHOULD BE HYDRO-TESTED TO 1.5 TIMES THE WORKING PRESSURE. TESTING OF OTHER PARTS OF EACH VALVE TO BE CARRIED OUT AS MENTIONED IN THE TECHNICAL SPECIFICATIONS	As per Cl#7.1 of Specification for SS valves the test pressure required is 1.1 however datasheet note mentions test pressure as 1.5 times .please confirm your exact requirement .Also as mentioned above Swagelok proposes type hydrotest and production Gas test for valves .	<b>Ball Valves should be hydro-tested to 1.5 times the working pressure.</b>
15	Section -III - Technical Specification, (DATASHEET for Non-Return Valve)	Page 52 of 157	Datasheet for Non return valve ( but not provided in SOR)	Please confirm if this datasheet is applicable for SOR (A) as there is no NRV in the scope.	<b>Not Applicable.</b>
16	SOR	Page 148 of 157	SCHEDULE A – SUPPLY OF SS TUBES, FITTINGS & ACCESSORIES SOR .Sr no 2.1, Qty is given 0 ,please confirm .	Please confirm if we need to quote for this line item as qty is 0 in SOR .	<b>No need to quote the price.</b>
17	SOR	Page 149 of 157	SCHEDULE A – SUPPLY OF SS TUBES, FITTINGS & ACCESSORIES SOR .Sr no 2.5	Please confirm if the requirement is for end plug or cap.	<b>End Cap.</b>



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19	SOR	Page 149 of 157	SCHEDULE A – SUPPLY OF SS TUBES, FITTINGS & ACCESSORIES SOR .Sir no 3.3	3 way valve - datasheets and Technical specification missing. Please provide the same .	Please refer Sr. no. 3.3 of SOR (A).
20	SECTION- IV PAYMENT TERMS	Page 59 of 157	TERMS AND MODE OF PAYMENT	Payment methodology and payment mode not provided for SOR (A).	Please refer Section IV "Payments Terms" clause no. 1.1 of Tender Document
21	SECTION- V SPECIAL CONDITIONS OF CONTRACT (SCC) Clause No. 8.0	Page 62 of 157	PRICE REDUCTION SCHEDULE (PRS)	We confirm to this requirement as below : for delayed portion 0.5% per week and upto maximum 5% of the order valve for the delayed portion/Qty .	Please refer Section V "Special Conditions of Contract" clause no. 8 "PRICE REDUCTION SCHEDULE" of Tender Document
22	SECTION- V SPECIAL CONDITIONS OF CONTRACT (SCC) Clause No. 9	Page 63 of 157	ALTERATIONS IN SPECIFICATIONS, DESIGN AND EXTRA WORKS:	Please confirm if this clause is applicable for SOR(A).	Not Applicable for SCHEDULE-A
23	GENERAL CONDITIONS OF CONTRACT (GCC - GOODS) Clause No. 19	Page 85 of 157	Spare Parts, Maintenance Tools, Lubricants	Please provide Spare Annexure format if available.	Not Applicable
24	GENERAL CONDITIONS OF CONTRACT (GCC - GOODS) Clause No. 38	Page 94 of 157	Fall Clause	Being a commodity product and highly volatile market situation it is difficult to commit for the same.	<p style="text-align: center;"><b>Revised Fall Clause in Tender</b></p> <p><b>a.</b> The Bidder has not supplied / is not supplying and/or has not agreed to supply similar product systems or subsystems at a price lower than that offered in the present bid in respect of same location as mentioned in the present bid to any other Ministry/Department of the Government of India or PSU.</p> <p><b>b.</b> Further the Bidder unconditionally agrees and confirms that in case it is found at any stage that during the financial year in which bid was submitted by the bidder, the bidder had supplied/agreed to supply similar product systems or subsystems in respect of same location to any other Ministry/Department of the Government of India or PSU at a price lower than that mentioned in the present bid ("Lower Price"), then the Buyer by providing a written notice to the Bidder shall be at liberty to apply Lower Price to the contract and accordingly reduce the contract value. The Bidder further undertakes to refund to the Buyer the difference between payment received under the contract and the Lower Price ("Price Difference") within 15 days of receipt of the said written notice.</p> <p><b>c.</b> In case the Price Difference is not received by the Buyer from the Bidder within the period stipulated under clause (b), then the Buyer shall be free to recover the Price difference from any amount due and payable to the Bidder under any contract or transaction undertaken with the Buyer.</p>
25	SECTION VII AGREED TERMS AND CONDITIONS Clause No. 17	Page 127 of 157	IMPORT CONTENT	Not applicable as we are importing complete product and not raw material.	Tender Conditions Prevails



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26	SECTION- V SPECIAL CONDITIONS OF CONTRACT (SCC) Clause No. 1.2	Page 64 of 157	Penalty of RPFC	<p>It is written that " In case the RPFC's challan/ receipt is not furnished, Purchaser shall deduct 20% (Twenty percent) of the payable amount from Contractor's running bill and retain the same as a deposit such retained amount shall be refunded to Contractor on production of RPFC Challan/receipt for the period covered by the related running bill."</p> <p>We believe that there is no Fixed billing per month, it is not necessary to submit RPFC challan per month, it should be submitted along with every bill.</p> <p>Please confirm.</p>	<b>Tender Conditions Prevails</b>
27	Section -III - Technical Specification, Clause No.12	Page 36 of 157	Guarantee	<p>It is mentioned that "The manufacturer shall guarantee the fittings against any defect, failure or malfunctioning occurring during 12 months from the date of commissioning or 24 months from the date of supply, whichever is earlier"</p> <p>As per standard industry practices, it should be 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.</p> <p>We request you to amend the clause as per this.</p>	<b>Please refer Section VI of GCC clause no. 24 "Guarantee" of Tender document. Tender Condition Prevails</b>
28	Section-I- IFB, Clause 4.0	Page 4 of 157	Contract Period	<p>It is mentioned that "Delivery period shall be 08 weeks from the date of issue of each Delivery Order (DO)."</p> <p>Since this work involves supply of imported materials, we request you to keep this period as minimum 12 weeks from the date of issue of each Delivery Order (DO).</p>	<b>Please refer Section I of IFB clause no.11 "EVALUATION AND COMPARISON OF BIDS" point no. 5&amp;6 Loading Criteria for Delivery Schedule. Tender Conditions Prevail</b>
29	GENERAL CONDITIONS OF CONTRACT (GCC - GOODS) Clause No. 35.1.VIII	Page 113 of 157	CONTRACTOR'S ALL RISK INSURANCE POLICY (CAR)	<p>We request you exclude this policy as we are facing difficulty in getting the same from insurance companies due to this work being distributed.</p>	<b>Tender Condition Prevails</b>
30	GENERAL CONDITIONS OF CONTRACT (GCC - GOODS) Clause No. 35.1.IV	Page 113 of 157	Transit Insurance	<p>It is mentioned that "the materials to be supplied by the CONTRACTOR to AGL site and or any free issue materials issued by AGL, to be transported to site for execution of work shall be in contractor's scope"</p> <p>Since the Value of FIM to be given by M/s. AGL is unknown, it is not possible to Estimate the value of Transit Insurance premium. Therefore, we request you to exclude the FIM/owner supplied material Transit Insurance from Contractor's scope of provide the exact value of FIM.</p>	<b>Tender Condition Prevails</b>
31	SECTION- V SPECIAL CONDITIONS OF CONTRACT (SCC) Clause No. 22.6 & 7	Page 68 of 157	Material Inspection	<p>It is mentioned that" Batch Test certificates of material duly inspected by TPI under contractor's scope of supply from manufacturer"</p> <p>As a standard CGD industry practice, material is provided against MTC. If any review is needed shall be in the scope of M/s. AGL.</p>	<b>Tender Condition Prevails</b>



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32	Section -III - Technical Specification, Clause No.5.0	Page 32 of 157	Tubes	1/2" Tube thickness is mentioned as 0.083", where now a days 0.065"thk tubes are being used at other CGD's. We propose to approve 0.065"thk tubes fro 1/2"	<b>Tender Condition Prevails</b>
33	Section -III - Technical Specification, Clause No.5.0, 8.0 & 11.3	Page 32, 35 & 42 of 157	Testing Requirement for Tubes & Fittings	We understand As a standard CGD industry practice, material is provided against MTC only from approved manufacturer/supplier. No additional certificate is required. Please confirm.	<b>MTC from Manufacturer is accepted.</b>
34	Section -III - Technical Specification, Clause No.5.1.2.X	Page 41 of 157	Testing of installation with Nitrogen at 250 barg	Testing of installation / tubing job is done at 350-375 barg on water and 100 barg with Nitrogen. Nitrogen is available at Max 150 barg and hence testing on Nitrogen can not be performed at 250 barg. Please remove this clause.	<b>Testing the total system i.e. tubing, fittings etc. after installation with Water at a pressure of 1.5 times the working pressure and with Nitrogen at a pressure of 1000psig.</b>
35	Section-I- IFB, Clause 10.0	Page 5 of 157	Bid Evaluation Criteria (Technical)	It is requested to kindly aaccept OEM and Contractor supply & service order value for meeting bidderv qualification criteria.It is requested to consider PO value (Inclusive of GST) for meeting bidder qualification criteria.	<b>Tender Condition Prevails</b>
36	Section-I- IFB, Clause 10.0	Page 5 of 157	General Queries	Kindly confirm all testing & commissioning engineers will be qualified and having experience/Training certificate for same with Approved Makes.	<b>Tender Condition Prevails</b>
37	Section-I- IFB, Clause 10.0	Page 5 of 157	General Queries	Kindly confirm bidders will be OEM or OEM authorized distributor so that supply track records are available with OEM warrantee/guarantees.	<b>Please refer Section I of IFB clause no. 10 "Bid Evaluation Criteria" of Tender.</b>

This Corrigendum-1 forms an integral part of the Tender Document No.: AGL/0311/TO/SS TUBING/06-19 and a copy (duly signed and stamped) of the same is to be submitted along with the Bid.