

**REPLIES TO PRE-BID QUERIES-CNG CASCADE
TENDER REF : 043-LEPL-BGL-010**

SL. NO.	CLAUSE NO.	PAGE NO.	CLAUSE	DEVIATION	REASONS FOR	BGL/LEPL REPLY
					DEVIATION	
1	26.1.1		In case of delay in delivery of equipment/materials or delay in completion, total contract price shall be reduced by 1/2 % (half percent) of the total contract price per complete week of delay or part thereof subject to a maximum of 5% (five percent) of the total contract price.	In case of delay in delivery of equipment/materials or delay in completion, total undelivered part price shall be reduced by 1/2 % (half percent) of the total undelivered part price per complete week of delay or part thereof subject to a maximum of 5% (five percent) of total undelivered part price.	Instead of total contract value price shall be deducted for undelivered part only.	In case of delay in delivery of CNG CASCADES beyond the contractual delivery period PRS will be applicable. PRS will be @½% (half percent) per complete week of delay or part thereof for the unsupplied portion of that particular delivery LOT, subject to maximum of 5% of the total order value.
2	3	Page 13 of 32.	All cylinder valves shall be of ¼ turn type for ease of operation.	With reference to your clause no II of Page 16 "Valves for cylinders shall be hand wheel operated."	¼ turn type valve are Knob operated.	All Cylinder Valves shall be hand wheel operated type only.
3	3	Page 14 of 32.	Colour of band at neck end of cylinder--- Red (IS Standard Colour No. 537)	Neck colour shall be same as cylindrical shell that means White	Please refer revised standard IS 4379: 2021	The colour of band at neck end of cylinders shall be as per IS-4379: 2021 only.
4	3	Page 15 of 32.	A combination burst disc/fusible alloy assembly should be incorporated in the cylinder valves. Burst disc should yield at a pressure not less than 1.5 times manufacturer's recommended operating pressure of the cylinder, and not more than test pressure. The disc should relieve Pressures in excess of 30 MPA.	Please include "OR as approved by CCOE, PESO" at the end of this clause.	RAMA will use PESO approved cylinder shutoff valves and burst disc/fusible alloy is integrated part of cylinder shut-off valve	All Cylinder Shut-off Valves shall be PESO approved and burst disc/fusible alloy shall be integrated part of cylinder shut-off valves.
5	3	Page 15 of 32.	In addition to 3.3.2 a mechanical pressure relief valve which opens at a predetermined pressure should be used. This should not be part of the cylinder valve.	OK, RAMA will use mechanical spring operated pressure relief valve on each bank of make PARKER/SWAGELOK/DKLOK with a set pressure of 300 bar that means 1.5 times of maximum allowable working pressure of cascade.	Set pressure mentioned for your acceptance please	Set Pressure of Mechanical Pressure Relief Valves shall be limited to 275 bar(g).
6	ii)	Page 16 of 32	Valves for cylinders shall be hand wheel operated.	With reference to your clause no of Page 13 "All cylinder valves shall be of ¼ turn type for ease of operation."	Wheel operated valve are not ¼ turn type.	All Cylinder Valves shall be hand wheel operated type only.
7		Page 17 of 32	Valves & Fittings shall be of PARKER / SWAGELOK make	PARKER / SWAGELOK/DKLOK make	Please include DKLOK Make.	All Valves & Fittings shall be of PARKER / SWAGELOK / DKLOK make.
8		Page 17 of 32	SS tubing shall be of SANDVIK/ RATNAMANI / MITSUBISHI / FAE / SUMITOMO / PARKER make.	SANDVIK/ RATNAMANI / MITSUBISHI / FAE / SUMITOMO / PARKER / TUBACEX	Please include Tubacex Make.	All SS tubings shall be of SANDVIK/ RATNAMANI / TUBACEX make.
9		Page 28 of 32	QUALITY ASSURANCE PLAN – HIGH PRESSURE GAS CYLINDER, CASCADE FRAME & FITTINGS	Cylinders shall be manufacture under BIS inspection and certification not as per this QAP	RAMA will submit test plan for entire cascade assembly for your review and approval.	Successful Bidder shall submit QAP of entire Cascade Assembly for review & approval by the Client/Consultant.