

REPLY TO PRE BID QUERIES			
SUPPLY OF TYPE-3/TYPER-4 COMPOSITE CYLINDER CASCADES AT AMBALA-KURUKSHETRA & KOLHAPUR GA			
Tender No.: HOGPL/2021-22/C&P/014 DATED 28.09.2021			
Sr.No.	REF Clause	Prebid Queries	HOGPL's Reply / Clarification
1	SOR	Requirement of Type 3 and Type 4 cascade need to be separate. Type 3 and Type 4 cylinders are different class of products having different Material of Construction. Just like Type 1 cylinders have not been clubbed together in this tender because of they being of different material of construction, similarly clubbing two dissimilar types of cylinders in same tender would not be correct. Further, the performance characteristics of the two types of cylinders is also completely different and they provide different filling efficiencies thus making them incomparable on cost-to-cost basis. Separate tenders be called for Type 3 and Type 4 based on individual requirements of Type 3 and Type 4 based cascades.	Tender condition prevails.
2	Cascade Design clause no. 5 of Technical Volume	Dimensions and weight of cascade Current Allowed dimensions does not have any provision for any maintenance Onboard and also max. allowed weight of cascade also crosses the payload of the mentioned vehicle. Allowed dimensions and weight should be such that it can accommodate provision for on board maintenance, if any and also have space of any accessories. 9400 ltrs cascade can store approx.. 2 tons of gas which makes gross weight is 9.5 tons which is above the payload of the mentioned vehicle.	Refer Corrigendum#1
3	Cascade Design clause no. 5 of Technical Volume	Water Capacity of Cascade 4000-4500 : It Should be of 4500 ltrs max with a tolerance of -5% (4250-4500) ltrs 8800-9400 : It Should be of 8800 ltrs max with a tolerance of +5% (8800-9240) ltrs	Tender Condition prevails
4	Clause No. 8.8 of Technical Volume	Cascade Frame Cascade should confirm to ADR requirement clause no 6.7.5.2.8 & type approval reports duly certified by TPI/ Chartered Engineer should be submitted. (The European Agreement concerning the International Carriage of Dangerous Goods by Roads). Cascade reports to be duly certified by the TPI only instead of TPI/Charter Engineer. TPI have the capability to review and approve the design.	CNG Refer Clause No 8.8, Page No 11 of Technical Volume : Type approval reports to be duly certified by TPI / Charter Engineer.
5	Clause No. 8.23.5 of Technical Volume	Material of vent tubing shall be SS 316 conforming to ASTM A 269 and vent height shall be minimum 3 meter above from the ground level.	Vent arrangement must be in line with the PESO requirements.
6	Clause No. 32 of ITB of Commercial Volume	Price evaluation should be done on cost per litre basis, as it is not correct to compare a higher water capacity cascade with a lower capacity cascade.	Tender condition prevails.
7	Clause NO 6.1, Page No 7 of Technical Volume	"The number of cylinders in the cascade shall be clubbed to single bank with minimum 3/4" OD SS tube with common isolation valve additional to cylinder valves Standards used should be used in total." QUERY: The minimum OD should be 3/4" OD SS tube for tubing from filling receptacle to manifold and minimum OD should be 1/2" OD SS tube for tubing from manifold to individual cylinder	Tender condition prevails.
8	Clause NO 6.3, Page No 7 of Technical Volume	The cascade shall have 2 nos. filling and decantation point at right hand side of cascade. Query : In the case that HOGPL requires cascade to have a single bank configuration, 2 QRCs are not required	Tender condition prevails.
9	SCC CLAUSE NO 6.14 Page No. : 8 of Technical Volume	"Liquid filled pressure gauge of diameter 4", (0-400 kg/cm2) with a 3-way valve manifold at refilling / Decantation point Pressure gauges shall be securely mounted" and "a good quality industrial pressure gauge should be used with a dial face of at least 63mm or larger. Gauges should be built to requirements of BS 1780 or ANSI/ASME B40.1 or OISD-179 equivalent." Query : Confusion in specifications mentioned. Clause no 6.16 is correct.	Tender condition prevails.
10	CLAUSE NO 8.23.1, Page No.12 of Technical Volume	Surface preparation by Short Blasting as per grade SA21/2as per IS 9954/ISO8501-1,shall be carried out. Coats of paint /Powder Coating shall be applied with minimum thickness of 300 micron. (Permissible thickness in each coat shall be within 80 to 120 micron.) Query : Minimum thickness of 150 micron is sufficient to withstand the environmental conditions and daily operations.	Tender condition prevails.
11	CLAUSE NO. 8.4, Page No 11 of Technical Volume	For 4000-4500WL, Length -3.6 Meter Width - 2.0 Meter Height – 2.2 Meter Query : Our 4000-4500WL cascade will be of the following dimensions: Length: 2991mm, Width 2134mm, Height 1768mm, and payload capacity shall be 5.5 tons.	Refer Corrigendum#1

Signature & Seal of Bidder