

REPLY TO PRE BID QUERIES		
SUPPLY OF TYPE-3/TYPE-4 COMPOSITE CYLINDER CASCADES AT AMBALA-KURUKSHETRA & KOLHAPUR GA		
Tender No.: HOGPL/2021-22/C&P/009 Dated: 30.07.2021		
Sr.No.	Prebid Queries	HOGPL's Reply / Clarification
1	<p>Query :</p> <p>Requirement of Type 3 and Type 4 cascade need to be separate.</p> <p>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.</p>	Tender condition prevails.
2	<p>Cylinder shall be of PESO Approved make.</p> <p>Query :</p> <p>We manufactured cylinders in accordance to ISO 11119-2/ EN 12245/ NGV 2 all are PESO approved make</p>	Refer tender, ISO 11119-2 is acceptable, Cylinder shall be PESO approved.
3	<p>Query :</p> <p>It Should be of 4500 ltrs max with a tolerance of - 5% (4250-4500) ltrs It Should be of 8800 ltrs max with a tolerance of +5% (8800-9240) ltrs</p>	Tender condition prevails.
4	<p>Clause No 8.23.1, Page 12 of Technical Volume "Frame Painting – Surface preparation by Short Blasting as per grade SA 2 ½ as per IS 9954/ISO 8501-1, shall be carried out. Three coats of paint shall be applied with minimum thickness of 300 micron. (Permissible thickness in each coat shall be within 80 to 120 micron.)"</p> <p>Query :</p> <p>Since the thickness is defined for the wet paint, but we do powder coating on to the cascade for longer life and good aesthetic looks. As per standard min, requirement of powder coating is 50 microns</p> <p>Powder Coating is far better than the wet painting.</p>	Kindly Refer Corrigendum 2.
5	<p>Clause No 8.7, Page No.10 of Technical Volume "Frame structure of mobile cascade and its fastening under the maximum permissible load shall be capable of absorbing the applied static forces in all the given directions as per ADR rules."</p> <p>Query :</p> <p>Our Cascade will confirm to the ADR requirement as per clause 6.7.5.2.8 whose requirement are as follow: Direction of Travel: 2g Vertically upwards: 1g Vertically downwards: 2g Transverse: 1g Please specify relevant clause rather than complete ADR norms</p>	Bidder to read the clause as "CNG 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"
6	<p>The valves shall be of approved make of HOGPL.</p> <p>Query :</p> <p>Please specify the list of valve manufacturer approved by you or please specify the make that are blacklisted by you.</p>	Recommended Valve make : 1. Swagelok Co. 2. Parker

7	<p>Clause NO 2, Page No 3 of Technical Volume</p> <p>"The composite cylinders of Type 3/ 4 should be designed as per Design Code, ISO 11119-2/11119-3/ 11439 and the cascade by itself should be as per ISO 11119-2/11119-3 approved IS:7285-2004 (Part 2), CNG Cylinder Valves, IS:3224-1979 (Amendments 1983,84,85,86,89,92,98), Hydrostatic Stretch Test, IS: 5844 – 1970, Safety Devices of Gas Cylinders, IS : 5903 -1970, regulations of Insurance Association of India and Factories Act while carrying out work as per this specification. The cylinders should have the requisite approval from PESO. "</p> <p>QUERY:</p> <p>TYPE 3/4 MANUFACTURER NEEDS TO PROVIDE THE BELOW MENTIONED TEST REPORTS FOR THEIR PRODUCT ALONG WITH THEIR BIDS AS PER ISO 11119-3 AND EN-12245.</p> <ol style="list-style-type: none"> 1. BONFIRE FIRE TEST OF MINIMUM 5 MINUTES DURING TYPE APPROVAL 2. BURST TEST DURING TYPE APPROVAL WHICH DEMONSTRATE ABSENCE OF METAL SHRAPNEL OR SHARDS 3. DROP/ IMPACT TEST DURING TYPE APPROVAL 4. PERMEATION TEST DURING TYPE APPROVAL 5. HYDROSTATIC TEST FOR EVERY CYLINDER 6. LEAK TEST FOR EVERY CYLINDER 7. CYCLIC TEST REPORT FOR MINIMUM 10000 CYCLES <p>QUERY: WE DO HAVE THE ISO APPROVAL BUT WE DID NOT HAVE THE TEST REPORTS AS MENTIONED ABOVE REQUIRED AS PER ISO CODE. WILL IT BE ACCEPTABLE TO HPOIL TO PROCURE SUCH A CYLINDER? PLEASE CONFIRM</p>	Bidder must submit all mentioned Test reports shall be submitted during PTR.
8	<p>Clause No 7.4, Page No 8 of Technical Volume</p> <p>CYLINDERS IN THE CASCADES SHALL BE PLACED AS PER OISD-STD-179. IN CASE OF HORIZONTAL CONFIGURATION, MINIMUM 20 MM CYLINDER TO CYLINDER GAP SHALL BE PROVIDED. THE MATERIAL USED TO SEPARATE THE CYLINDERS SHOULD BE STRONG ENOUGH TO TAKE CARE OF LOAD.</p> <p>QUERY:</p> <p>PLEASE CONFIRM THE MINIMUM GAP BETWEEN THE CYLINDERS BECAUSE AS PER GAS CYLINDERS RULE AND PESO AUTHORITY, IT SHALL BE MINIMUM OF 30MM. PLEASE ADVISE</p>	Minimum Gap as per PESO should be maintained.
9	<p>CLAUSE NO 5 of SCC, Page No.40 of Commercial Volume</p> <p>PAYMENT TERMS</p> <p>10% payment: Payment shall be made within 30 days on completion of supply & receipt of total ordered quantity and final acceptance of goods by Engineer-In-Charge/GA Head along of the following documents: -</p> <ul style="list-style-type: none"> • Acceptance certificate • Clearance from ESIC, PF and labour authority, if applicable • Work completion certificate • GST assessment certificate, If applicable • No claim certificates <p>Query :</p> <p>As this requirement for is Only for Supply we suggest to delete below points in PAYMENT TERMS which is not relevant</p> <ul style="list-style-type: none"> • Acceptance certificate • Clearance from ESIC, PF and labour authority, if applicable • Work completion certificate 	Accepted, Kindly Refer Corrigendum 2
10	<p>SCC CLAUSE NO 6.5 Page No. :</p> <p>Every CNG storage unit including each manifold group or bulk storage tank should be provided with a suitable pressure gauge for each bank. The pressure gauge should be directly connected to the tank or storage system. The gauge should be dial graduated to read approximately double the operating pressure.</p> <p>Query :</p> <p>The clause just before this, 6.14 however states the range should be from 0-400 kg/cm2 which is self contradictory.</p>	<p>Bidder to read the Clause as :</p> <p>Every CNG storage unit including each manifold group or bulk storage tank should be provided with a suitable pressure gauge for each bank. The pressure gauge should be directly connected to the tank or storage system. The gauge should be dial graduated to read from 0-400 Kg/cm2.</p> <p>Kindly Refer Corrigendum 2</p>
11	<p>SCC CLAUSE NO 6.3 Page No. 6 of Technical Volume</p> <p>The cascade shall have 2 nos. filling and decantation point at right hand side of cascade.</p> <p>Query:</p> <p>As clause 6.20 asking for 3 bank arrangement, please suggest exact arrangement you require.</p>	Refer Corrigendum 2.

12	<p>CLAUSE NO 8.2, Page No.10 of Technical Volume Refer ISO 6346 for the dimensions of ISO framework for transportation. The cascade frame shall meet the requirement of OISD-STD-179-Rev.</p> <p>Query : Also, clause 8.2 states ISO 6346 as standard for dimensions of framework while ISO 6346 is actually a standard for coding, identification and marking for ISO containers. ISO 668 is actually the standard providing guidelines for dimensions of freight containers/ frameworks</p>	Refer Corrigendum 2.								
13	<p>CLAUSE NO 8.23.5, Page NO. 12 of Technical Volume</p> <p>Material of vent tubing shall be SS 316 conforming to ASTM A 269 and vent height shall be minimum 3 meter above from the working level.</p> <p>Query : 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.</p>	Kindly Refer Corrigendum 2.								
14	<p>CLAUSE NO 6.10, PAGE NO.7 of Technical Volume</p> <p>The weight of the entire cascade assembly shall not exceed the following:</p> <ul style="list-style-type: none"> • 4000 to 4500 LWC cascade: 3.2 Tonnes • 8800 to 9400 LWC cascade: 7.5 Tonnes <p>Query : Kindly confirm if this refers to empty weight or weight including gas.</p>	<p>Refer Corrigendum#1. Mentioned weight is Tare Weight.</p> <p>Bidder to Note that the cascade assembly at full gas capacity with anchors should be suitable for mounting & transportation on the following vehicles without violating any RTO norms :</p> <ol style="list-style-type: none"> 1. 4000-4500 LWC cascade : EICHER 2059 PRO OR EQUIVALENT MODEL with Payload Dimensions: 4.27 mtrs X 2.011 mtrs & Payload Capacity: 4 Tonnes 2. 8800 to 9400 LWC cascade : TATA 1412 OR EQUIVALENT MODEL : Payload Dimensions : 6.09 mtrs X 2.17 mtrs Max Payload on Vehicle: 9 Tonnes <p>Bidder to ensure that offered cascade should not violate any RTO/PESO norms for transportation when mounted on vehicle load body</p>								
15	<p>CLAUSE NO 6.20, PAGE NO. 8 of TECHNICAL VOLUME</p> <p>Storage cascade system should be supplied in a three-bank arrangement. Low bank 50%, Medium bank 30% and High bank 20% of the total storage system.</p> <p>Query : Kindly confirm is this requirement is applicable for 4500 WL cascade as well</p>	Bidder's Understanding is correct.								
16	<p>CLAUSE NO 8, PAGE NO.10 of Technical Volume Cascade Frame</p> <p>Query : Kindly confirm the material required for covering the cascade on either side:</p> <ul style="list-style-type: none"> • Metal sheet • Or Tarpaulin 	Cascade frame material shall be sheet metal & meet all the relevant standards mentioned in the tender.								
17	<p>The ISO standard 11119-2/11119-3 refers to the cylinders and not cascade. Hence the cylinders only will be manufactured as per this standard. We request you kindly modify this requirement.</p>	Refer Clause No 2, Technical Volume for relevant standards for cylinders & cascades.								
18	<p>SECTION - I INVITATION FOR BIDS (IFB) Clause No. 4.0 DELIVERY LOCATION & SCHEDULE of Commercial Volume Delivery Location: PART A: Ambala-Kurukshehra GA SOR ITeM No A2: 01Nos cascade: Within 06 (six) weeks from the date of issue of LOI/PO. Query : We request you to please extend the delivery time to 16 weeks as it is not possible in this time of pandemic to get the things ASAP</p>	Tender condition prevails.								
19	<p>SECTION - I INVITATION FOR BIDS (IFB) Clause No. 8.0 BIDDER QUALIFICATION CRITERIA (BEC)</p> <table border="1"> <thead> <tr> <th>SOR Item No</th> <th>Avg. Annual Turnover (INR)</th> </tr> </thead> <tbody> <tr> <td>A1</td> <td>127.28 Lacs</td> </tr> <tr> <td>A2</td> <td>31.95 Lacs</td> </tr> <tr> <td>B1</td> <td>127.28 Lacs</td> </tr> </tbody> </table>	SOR Item No	Avg. Annual Turnover (INR)	A1	127.28 Lacs	A2	31.95 Lacs	B1	127.28 Lacs	Yes, Kindly refer clause no. 32 of SECTION – II INSTRUCTIONS TO BIDDERS (ITB) of Commercial Volume
SOR Item No	Avg. Annual Turnover (INR)									
A1	127.28 Lacs									
A2	31.95 Lacs									
B1	127.28 Lacs									

	<p>Query: Please Advice since financial criteria for BEC is asked for all the three line Items seperately but SOR is divided into two parts to quote please advice if we wish to quote for only one SOR line item number can we?</p>	
20	<p>SECTION-IV SPECIAL CONDITIONS OF CONTRACT (SCC) Clause No. 17.0 CONTRACT PERFORMANCE BANK GUARANTEE The successful bidder shall furnish the Contract Performance Bank Guarantee (CPBG) equivalent to 03 (Three) % of the total FOT order value exclusive of taxes & duties within a period of fifteen (15) Days from the date of issue of LOI/ Purchase Order. The CPBG should initially be kept valid for 90 days beyond the guarantee / warranty/ defect liability period. Claim period shall be 30 days more than the validity of the CPBG. Query: Since as per the circular notified from ministry of government of India, We request you to please amend the clause as either to submit CPBG or HPOIL reserves the right to deduct the 3% of the same from the running bills. Please advice as per circular issued by government of india it is clearly mentioned that either submit CPBG or deduct 3% as retention Money. Advice</p>	Tender condition prevails.
21	<p>Query: Can one cylinder manufacturer quote through different cascade manufacturers for N number of bids OR only single bid is permitted for a single brand of cylinder. Please advice</p>	Yes

Signature & Seal of Bidder