

Tender Document No. : IGL/ET2/CP/CC19025

Supply of 50 Nos. Of 10,000 Wl Capacity Type – III/IV CNG Mobile Cascades

REPLY TO PRE-BID QUERIES

Sl. No.	Volume/ Section/ Clause No.	Page No.	Clause No.	Clause	Bidder's Query	IGL Reply
1	Section I (IFB)	9	2 (iii)	Definition of Supplier: iii. The Manufacturer and the bidder shall indemnify, defend and hold harmless IGL in case of any dispute due to whatsoever reason between the Manufacturer and the bidder for matters pertaining to subject Tender/ Contract.	Agreement is between manufacturer and supplier so IGL in any case is not a party. Manufacturer is confirming about supply, warranty and other contractual obligations in the event of failure by the bidder (supplier). Further supplier is indemnify IGL for any dispute so indemnity by manufacturer doesn't arise. Supplier is submitting EMD and contractual BG in case of contract award meeting tender terms. In view of this request to remove indemnity by manufacturer to IGL while supplier shall indemnify IGL as per tender term.	Tender Conditions Shall Prevail.
2	Section I (IFB)	9	c	Definition of Supplier: In case of Supplier: The bidder should have supplied Type III / Type IV CNG Storage Cascade of 4500 WLC or higher capacity to any City Gas Distribution Entity.	Supplier Hexagon Agility is based at Germany so their world wide supplies experience will be submitted so supply to any City Gas Distribution should be suitably modified.	Tender Conditions Shall Prevail.
3	Section I (IFB)	9	Note: (i)	In case, bidder is a supplier, then they may use the credentials of the Manufacturer (whose product is being offered in the tender) to qualify the technical BEC clause c (given above). However, bidder have to meet the financial criteria.	Work experience of Germany based manufacturer Hexagon Agility supply to world wide market will be submitted while financial credential of Advantek Fuel Systems as supplier will be submitted.	Tender Conditions Shall Prevail.
4	Section I (IFB)	11	3 (ii)	Past experience Completion / Execution Certificate issued by End user /Owner (or their consultant who has been duly authorized by them to issue such certificate) / payment invoices along with payment advices having reference of Purchase Order/Work Order/Contract & date, description of the item, quantity, completion/delivery date etc. Certificate from Statutory Auditor / Chartered Engineer / Chartered Accountant for completion of works against the submitted purchase order.	Customer purchase orders, supplier invoices shall be submitted as proof of supply experience. At global level work completion certificates is generally not issued/available. Completion certificate to be removed.	Tender Conditions Shall Prevail.
5	Section I (SOW/TECH. SPECS.)	76	5.1.14	Cascade venting tubes shall not be with welded connection. It shall be with nut Ferrule connection. All vents should be connected to common header i.e. vent from pressure gauge, tubing manifold. SRV /PSV vent shall be separately connected to header it should not be merged with PG/tubing manifold vent lines. The size of vent header should be min 2 "and shall be protected with rain ingress cap. Vent from cylinder safety disc should be connected to common header with separate line.	The entire cascade is enclosed from the sides. However, the top of the cascade has provisions of slits/holes for venting the gas in case of any leakage. Therefore, connecting PG, pressure manifold, SRV, etc. separately to the Vent manifold is not required.	Tender Conditions Shall Prevail.
6	Section I (SOW/TECH. SPECS.)	84	5.16.10	Vent height shall be minimum 03 meters from working platform as per PNGRB guideline requirements.	Since the requirement is of Mobile cascade, the vent chimney height will be approx. 2 meters only.	Tender Conditions Shall Prevail.
7	Section I (SOW/TECH. SPECS.)	83	5.14.6	The Stainless Steel tubing material shall be of Sandvik / Tubacex/ FAE/ Ratnamani / Parker make.	EKC recommends to include "Jindal Saw" as it is widely accepted in other PSUs.	Tender Conditions Shall Prevail.
8	Section I (SOW/TECH. SPECS.)	83	5.13.11	Supplier shall submit structural drawing of the frame giving details of the steel, welding procedure, corrosion protection for approval of owner/owner's representative before commencing fabrication work.	Only Cascade GA Drawings, P & ID, and cascade footprint drawing shall be provided. Frame structural drawing in our internal document and cannot be shared.	Tender Conditions Shall Prevail.
9	Section I (SCC)	60	9.2	9.2 Delivery Schedule The material is to be delivered in lots as per IGL requirement. 1st lot will be of 10 nos. and subsequent lots will be as per IGL requirements. Each lot is to be delivered within 12 weeks from the date of purchase order / intimation from IGL.	Please note that 12 weeks of delivery period is sufficient for the production of Type 3 Cascades. The minimum Delivery for 1st Lot which includes Drawing approval is 20-22 Weeks minimum from the date of PO. Later from Lot 2 , the deliveries can be made within 16 Weeks from the date of intimation.	Tender Conditions Shall Prevail.
10	Section I (SCC)	60	9.3	Basis of Delivery: The basis of delivery shall be FOT (Free on Terminal) IGL Site/Store in all GAs at NCT of Delhi, Uttar Pradesh, Haryana and Rajasthan.n.	Kindly provide exact delivery locations or tentative areas for better clarity for estimation of freight	Delivery locations are not fixed. The bidder may be required to supply to any serviceable area within IGL GAs.
11	Section I (SOW/TECH. SPECS.)	78	5.2.26	Double compression ferrule fittings shall be used to tube connection.	Double compression ferrule fittings will be provided in pressure manifold. Weld nipple shall be provided in Vent manifold.	Tender Conditions Shall Prevail.
12	General			Vendor shall replace any part not found performing to the specified requirements for at least 18 months from date of delivery or 12 months from the date of successful commissioning. The parts replaced during the warranty period shall have to perform, to the specified requirements for 12 months from the date of replacement or else shall be replaced free of cost.	Extension of the warranty period for any replaced part is not applicable.	Tender Conditions Shall Prevail.

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13	Section I (SOW/TECH. SPECS.)	84	5.15.1 & 5.15.3	Every CNG storage unit including each manifold group or bulk storage tank should be provided with a suitable pressure gauge for single 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. Pressure gauge should be equipped with 3-way valve or 2-valve manifold block. Pressure gauges on mobile cascades shall have IP 55 protection. Liquid filled Pressure gauge of diameter 4", (0-400 kg/cm2) with a 3-way isolating valve on each bank shall be used. Thus, each cascade shall have minimum 01 no. pressure gauge. Total no. of pressure gauges required shall be as per requirement and shall be finalized during detailed engineering. Pressure gauges shall be securely mounted. It is mandatory of Labelling on the gauge of calibration date.	2-Way manifold block shall be provided.	Tender Conditions Shall Prevail.
14	Section I (SOW/TECH. SPECS.)	84	5.16.5	All fittings including valves shall be Swagelok, Parker, Compac, Hamlet, HY-Lok, Sealexcel, Oasis, DK-Lok make only.	Please consider Dawson Tech Make for the fittings as it is widely used in various PSUs. The fittings shall be used for Pressure and Vent Manifold both.	Tender Conditions Shall Prevail.
15	Section I (SOW/TECH. SPECS.)	88	12.1, 12.2 & 12.3	The supplier should develop a training proposal and prepare a schedule for the company's review and approval. The training program should be phased to suit the construction program such that the company's personnel are fully conversant with all aspects of the operations and maintenance of the storage system including all aspects of operations, including decanting CNG from mobile gas trailers, pressure control, Venting procedure, High pressure gas leakages, near-miss case condition and integration of the overall system. The training program should cover but not limited to the following subject areas: i. The physical characteristics of the gas and the procedure and precautions to be observed in handling and control. ii. Start-up, operations, and maintenance procedures for the CNG storage facilities.	EKC shall provide O&M manual which covers the Cascade related details.	Tender Conditions Shall Prevail.
16	General			Bid submission due date and time : 08.10.2026 till 1500 hrs IST	As this is a high value tender and due to continuous holidays for Diwali festival, we require some more time for working on the financial and technical feasibility of the tender. Requesting you to kindly extend the due date for 7-10 days for enabling us to seamlessly participate.	Please refer corrigendum-II
17	Section I (GCC)	42	29.3	Price Reduction will be applicable @1/2% of the total order value (inclusive of taxes) per week of delay or part thereof in supply/completion of work subject to a maximum (ceiling) of 5% of total order value (inclusive of taxes) for orders of goods, works and services.	Price Reduction will be applicable @1/2% of the total order value (Only basic amount) per week of delay or part thereof in supply/completion of work subject to a maximum (ceiling) of 5% of total order value (inclusive of taxes) for orders of goods, works and services for individual Delivery order issued.	Tender Conditions Shall Prevail.
18	General			1. The Tender provides for submission of the Bid on or before the due date, based on which IGL would award the Contract to the lowest bidder (L-1 / L-2). It is our submission that IGL may incorporate the process of Reverse Auction, as it will allow IGL to discover newer and more attractive prices through this process.	We have been participating in other CGD Tenders, and there is precedence for the adoption of the Reverse Auction process. Three of the latest Tenders include MNGL, BPCL and HPCL. We request you to kindly reconsider the option for submission of the quote through Reverse Auction.	Tender Conditions Shall Prevail.

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19	Brief Scope	7	2.0	The Scope of Work shall include Annual Rate Contract for Supply of 50 nos. of 10000 WL (Water Litre) Capacity Type – III/IV CNG Mobile Cascade for expansion & establishment of IGL's CNG infrastructure	We wish to respectfully highlight that Type 3 and Type 4 cylinders represent fundamentally different cylinder technologies and construction methodologies and, therefore, should not be clubbed under a single category for the purpose of defining the cascade scope. Type 3 cylinders are manufactured with a metallic liner (typically aluminium) that is load-sharing and contributes structurally to the pressure containment of the cylinder. In contrast, Type 4 cylinders use a non-metallic HDPE liner, which is non-load-sharing, with the composite overwrap providing the primary pressure-bearing function. Accordingly, the two technologies involve substantially different materials, manufacturing processes, design considerations, performance characteristics and qualification parameters. Treating Type 3 and Type 4 cylinders as an equivalent category may therefore unnecessarily restrict competition and may not accurately reflect the technical differences between the two technologies. In the interest of technical clarity, fair competition and wider participation from qualified manufacturers, we strongly request that the scope of work/specification be redefined by specifying either Type 3 cylinder-based cascades or Type 4 cylinder-based cascades as separate categories, rather than combining both technologies under a single requirement. This approach will ensure that technically compliant manufacturers of each respective technology can participate independently while allowing the end user to evaluate the two technologies on their respective technical merits.	Tender Conditions Shall Prevail.
20	Bid Security	13	16.10	Traders / Dealers / Distributors / Stockist / Wholesalers are not entitled for exemption of Earnest Money Deposit (EMD) / Bid Security	We are the cascade manufacturer and falls under the micro/small enterprise. We are manufacturing the cascade by sourcing the PESO approved cylinders from our supplier which is in INDIA under Make in India initiative. We assume that we don't fall under the subject category and eligible for the bid security exemption.	If your Udyam Registration Certificate specifies that you are a manufacturer of cascades and you are registered as a Micro or Small Enterprise, you will be eligible for MSME exemption. Please refer clause no. 11.5 of IFB of tender doc.
21	Payment terms	39	22.3	Payment shall be released within 45 days after receipt of relevant documents complete in all respects	We request you to make payment terms as 30 days from the date of invoice as it will help us for small scale industries like us.	Tender Conditions Shall Prevail.
22	PRICE REDUCTION SCHEDULE (PRS)	42	29.3	Price Reduction will be applicable @½% of the total order value (inclusive of taxes) per week of delay or part thereof in supply/completion of work subject to a maximum (ceiling) of 5% of total order value (inclusive of taxes) for orders of goods, works and services	We request you to consider the LD charges on the undelivered part only, as charging the LD on total order value is not justifiable as it will includes the parts that are delivered also.	Please refer clause no. 29.4 of GCC of Tender Doc.
23	CONTRACT PERFORMANCE BANK GUARANTEE (CPBG)	59	8.0	Within twenty-one (21) days of receipt of the Contract/PO, the successful bidder shall furnish to the Purchaser the Contract-Cum-Equipment Performance Bank Guarantee (CPBG) 2.5% of total contract value to be submitted against awarded Contract and @2.5% of total order value of individual release/purchase order to be submitted against purchase order (values shall be inclusive of GST).	We request you to consider the CPBG on the call out order basis not on the entire order and also request you to consider the same on basic value of the contract instead of the mentioned value inclusive of GST.	Tender Conditions Shall Prevail.
24	Technical specifications	67	3.1.L	The composite cylinders of Type III/IV 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	Cylinders should be designed as per ISO 11119-2/ISO 11119-3 not with ISO 11439 or NGV 2 as these standards are meant for the onboard application not for the gas transportation application.	Tender Conditions Shall Prevail.
25	Technical specifications	78	5.1.17	Cascade to be purged with N2 after testing and shipped with a positive pressure of N2 at 2 bar (g) to 10 bar (g) in the cascade before dispatch.	We will supply the cascade with positive pressure of Nitrogen upto 2 bar instead of mentioned 2 bar to 10 bar	Tender Conditions Shall Prevail.
26	Technical specifications	83	5.13.5	Vendor to submit 5-G static test calculation of one complete assembled cascade with all the cylinders mounted & lifted	Our cascade will confirm to ADR regulations which is world wide accepted and also in the previous tender of IGL the subject condition has been accepted.	Tender Conditions Shall Prevail.