



REPLY TO BIDDER'S PRE-BID QUERIES
SUPPLY OF ODORISATION UNITS ALONG WITH AMC
TENDER NO. IGL/ET2/CP/CP17864, Dated 13.02.2024

VCS REFERENCE NO. VCS/C&P/17028/PC/ODORISATION/16

Owner: Indraprastha Gas Ltd.

Consultant: VCS Quality Services Pvt Ltd.

Pre-bid meeting held on 19.02.2024

Date: 26.02.2024

Sl. No.	Clause No./ Spec. No.	Page No.	Description	Bidder's Query/Clarification	IGL/VCS Reply
Commercial					
1	Clause No. 5.0 of SCC 'Commercial Volume I of II	71 of 119	Terms of Payment: Balance 10% payment shall be released after completion of 3 years AMC period for each Odorisation Unit.	Performance bank Guarantee needs to be submitted in the tender clause, it is requested to release the balance 10% after commissioning.	Tender conditions shall prevail
Technical					
1	25 Technical Volume II of II QUALITY ASSURANCE PLAN FOR ODORIZATION UNIT Package CCOE approval certificates	32 of 33	Valid PESO package approval certificates, Number plate embossing with PESO no. & other details.	Kindly clarify in detail of the clause.	Vendor shall ensure that all Ex-electrical components shall be PESO approved along with Tank designed as per ASME code requirements
2	Technical - 2.1 Specifications Sr. No. 13	6 of 43	Pump (1 main + 1 standby) with Electric/ pneumatic motor with cabinet to be installed in hazardous area.	The pump based dosing system shall be designed such that the actuation mechanism is not in contact with the odorant and isolated with diaphragm/bellow. The plunger should not be in direct contact with odorant. So that in case of oil seal leakage the odorant (chemical) should not be spill directly from the pump. To avoid this spillage the oil with bellow/diaphragm is required, hence this is the standard tender requirement in technical specification by all the CGD companies.	Tender conditions shall prevail
3	2.1 Specifications Sr. No. 14	6 of 43	Electronic Control Unit	For ease of operation the Electronic Controller shall be field mounted. To be installed in hazardous area. Electronic Control unit shall be Ex-proof with enclosure PESO certified.	Tender conditions shall prevail
4	Clause No.2.1 (12) 2.0 TECHNICAL SPECIFICATION	Page 5 of 43	Filtration / Scrubber	Scrubber will be use for reducing of odor from Gas, while venting into Air, Hence Double Redundant Filtration will not be applicable. Only Scubber will be applicable.	Tender conditions shall prevail

5	Clause No.14 2.0 TECHNICAL SPECIFICATION	Page 5 of 43	Electronic Control Unit(ECU) _Cabinet Stainless Steel Body	(i) Protection Class should be IP54 (ii) Cabinet Should be MS and Powder Coated , since the ECU will be mount in the Safe Area (Control room)	Tender conditions shall prevail
6	Clause No.5.15 5.0 GENERAL PROCESS PARAMETERS:	Page 13 of 43	All tubing work should be of SS 316 fully annealed (Bright annealed) seamless conforming to ASTM A269 – SS 316 or above required. All tubing shall minimum of ½” size shall be clamped and routed in GI tray up to pipeline. For any different end connection necessary adopter is in vendor’s scope. The piping / tubing, valves, fittings shall be of Parker, Sandvik, and Swagelok. The system should be “go-no-go” gauge-able to demonstrate that fittings are properly tightened. Wherever possible; valves and control devices should be of same end connector. The number of fittings used should be minimized. The Supplier should ensure that personnel assembling the pipe work should be competent in the system employed.	Apart from Parker, Sandvik, Swagelok Make. , we propose use of Hylok fittings and Ratnamani tubings for Odorization skid. These rated for 6000 PSIG and we have satisfactory proven track record at our past supplies to our esteemed entities such as GAIL, GAIL Gas, BPCL, HPCL, VGL, Bengal Gas, Avantilka Gas and others CGD’s	Bidder shall follow approved vendor list, however, project specific approval might given during detailed engineering after review of PTR documents..
7	Clause No.5.16 5.0 GENERAL PROCESS PARAMETERS:	Page 13 of 43	Ball Valves must be form Swagelok, Parker.	Ball valves must be from Swagelok/Parker/Microfinish/Valpres/Hylok, we have satisfactory proven track record at our past supplies to our esteemed entities such as GAIL, GAIL Gas, BPCL, HPCL, VGL, Bengal Gas, Avantilka Gas and others CGD’s .	Bidder shall follow approved vendor list, however, project specific approval might given during detailed engineering after review of PTR documents..