



REPLY TO PRE - BID QUERIES (RTBQ)

Tender No.: IGL/ET2/CP/CC18059 Dated 06.09.2024

Procurement of Dual Hose CNG Car & Car Cum Bus Dispenser

Sr. No.	Tender Clause No. / Annexures	Page No.	Tender Specification	Bidders Comments / Queries	IGL Reply
1	Clause -2.0 Scope of work for Dispenser Sub-Clause-2.25 (n)	16 of 68	The meter factor adjustment Port or Switch should be dedicated and must not have additional functionalities and parameter controls as applicable	In Bidder make Dispenser Design only critical parameter (which is necessary for Safety and should be temperproof for smooth & safely running of dispenser) provided with meter factor adjustment switch.	Noted. However, costing for re-stamping, due to equipment breakdwon or any other reason shall be borne by the bidder.
2	Clause - 3.0 Project Details Sub Clause-3.4 Utility Specification	18 of 68 50 of 68	Surge protector is to be provided by the vendor at the 230 V AC inlet	OEM make Power Card assembly has inbuilt protection for Power Spike/Surges. Requesting you to kindly consider the same.	To be provided as per tender requirement. Tender Condition Prevails
3	Clause - 15.0 Recommended Vendor List	31 of 68	In approved Vendor List 1. 2 & 3 Way valve & SS Fittings 2. SS Tubing 3. Hose	Request you to kindly add below make in approved Vendor list of these items.- 1. 2 & 3 Way valve & SS Fittings-Astec 2. SS Tubing- Jindal Saw 3. Hose -Zec These items have been manufactured for CNG dispensers and have already been approved by many CGD companies.	Please refer to Note to Recommended Vendor List, Pg. 32 of 68, Technical Volume - II. Tender Condition Prevails
4	7. Dispenser Sub Clause-7.1.16	40 of 68	ESD button (ESD Button to be of Mushroom Type Only) to be mounted on both side of the dispenser front panel and to be easily reached during emergencies	In the Bidder's dispenser design, the ESD button will be mounted on both SIDES of the dispenser cabinet for easy access during emergencies. Please consider this.	Manufacturer's design duly approved / accepted by W&M India and PESO is acceptable. Bidder has to provide the drawing furnished to W&M and PESO during their approval in support of design. Rest tender condition prevails.
5	7. Dispenser Sub Clause-7.1.37 (ii)	42 of 68	Common drain valve shall have lockable arrangement accessible to DSM for draining of dispenser. Each filter drain line should have NRV 1/4" OD SS & Ball Valve arrangement in series.	There will be 3 separate drain valves for 3 filters, with common lockable arrangement. Kindly accept the same.	Noted.
6	Clause-7.3 Instrumnetial & Control	45 of 68	All instruments like Mass Flow Meter, Pressure Transducer / switch, ESD, SOV etc. shall be on 24 V DC supply only	In our standard design SOV operated at 230V AC Supply which is approved by Competent authority PESO and Atex. Other instruments will be on DC Supply.	Manufacturer's design duly approved / accepted by W&M India and PESO is acceptable. Bidder has to provide the drawing & BOM furnished to W&M and PESO during their approval in support of design. Rest tender condition prevails.
7	Technical-SCOPE OF SERVICES-2.27(k)	Page 9 of 24	The Vendor shall be responsible for supply of dispenser at IGL stores/sites depending upon the availability of sites. The Transportation from IGL stores to respective sites for erection, installation, testing & commissioning shall be in Vendor's scope.	The transportation of the dispenser from the IGL store to the site will not be under bidder's scope.	Tender Condition Prevails

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8	Technical-SCOPE OF SERVICES-7.0-Comprehensive Operation & Maintenance of BIDDER make Dispensers:	Page 13 of 24	<p>Penalty: 2. Preventive maintenance of the dispenser has to be done; if not carried out as per the maintenance schedule, will attract a penalty of Rs. 500/- per instance per dispenser. Any change in maintenance schedule shall be done only after prior consent of IGL engineer in charge.</p>	Preventive maintenance of Dispenser will be done as per consulting engineer in charge, and a grace period will be needed to carry out the same. Penalty provision would not apply.	Tender Condition Prevails
9	Technical-ANNUAL MAINTENANCE CONTRACT FOR CNG DISPENSERS-5.2-Comprehensive Operation & Maintenance of BIDDER make Dispensers:	Page 5 of 9	<p>Penalty: (During Warranty period and AMC period) If the Contractor fails to provide the required services attributed to him, then penalty per dispenser per instance in case of breakdown beyond stipulated time frame reckoned from time of compliant lodged would be as below: i. Beyond 6 Hours upto 12 hours: Rs. 340 / dispenser / instance ii. Beyond 12 Hours upto 24 Hours: Rs. 790 / dispenser / instance iii. Beyond 24 Hours upto 48 Hours: Rs. 1695 / dispenser / instance iv. In case there is, a continuous breakdown/ dispenser arm beyond 48 hours Rs. 2,260/- will be deducted. v. Further, if break down is for more than 48 Hrs, only proportionate amount per dispenser arm of monthly CAMC charges for operational period will be paid (after deduction of aforesaid penalties) i.e., only proportionate amount of monthly AMC per dispenser arm will be paid after deduction of Rs 2,260/-(penalty for BD more than 48 hrs) and not full CAMC charges. vi. However, total penalty amount shall be capped at 50 % of the contract value for contract period. This will be including penalties deductions in the contract. If complete dispenser is under breakdown due to single part failure/ reason, it shall be counted as single instance. vii. If there is a breakdown, which is not in attributable to the contractor, no penalty will be deducted. This needs to be decided by EIC or person authorized by EIC that whether breakdown is attributable to contractor or not. Shut down period for carrying out the preventive maintenance and calibration shall not be considered for penalty. Contractor shall be allowed 24 hours downtime of each arm of dispenser per month to carry out the periodic / scheduled / breakdown maintenance/ routine checking of dispenser package. This can be adjusted considering the penalty clause as defined above only once in a month. In case Contractor has utilized less down time of the dispenser package than that allowed, the Contractor could carry forward only max unutilized 12 hours downtime to immediately next month. If break down is for more than 15 days in a month, no payment for that month of down particular dispenser will be made. A logbook for time record shall be maintained in the Central control room wherein the records shall be made for the time Dispenser develops trouble and the time at which the Contractor rectifies the same and Dispenser put back to service. In case of any complaint regarding non-fulfilment of any obligation under the contract, IGL reserves the right to withhold payment to the contractor, and out of such amount and including the security deposit held, make such payment as it may consider necessary for smooth and unhindered working of the contract.</p>	vi. Maximum penalty should be 50% per arm/per dispenser instead of contract value. vii. In reference to the breakdown scenario, if one arm of a dispenser is operational and the other arm has been under breakdown for more than 15 days, we would like to clarify that the maximum penalty applied should not exceed 50% of the monthly charges for the dispenser. This approach ensures a fair penalty structure considering the partial functionality of the equipment.	Tender Condition Prevails

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10	Technical-ANNUAL MAINTENANCE CONTRACT FOR CNG DISPENSERS- 9.3.12	Page 9 of 9	During warranty period and AMC period, Contractor shall carryout yearly calibration of all instruments such as pressure gauges, transmitters, mass flow meters in a planned manner. In addition to the above all safety relief valves shall also be tested and calibrated every year. Calibration shall be done during warranty & AMC at site with the help of Master Meter / Calibrator instruments for Mass Flow Meter / Instruments in presence of client / consultant representative. The Master calibration Instruments and Prover (Mass Flow Meter) shall be arranged by the contractor. (By client if available) The Mass Flow Meter / Calibrator shall be certified / calibrated from the government approved laboratory.	The Master meter for Mass Flow Meter calibration should be in Client Scope (Compac will provide if Prover is available with Compac)	Prover will be in Bidders Scope. Tender Condition Prevails.
11				SPECIAL CONDITION : 1. Any type of accidental damage or mishandelling damage would not be covered under AMC contract. 2. Hose,breakaway, vent tube damages due to hose pulling & misshandling will not be covered under the AMC contract. 3. Necessary consumamable part like 'O' Rings. NZS Probe, Receptacle will be in client scope. 4. transportation of dispensers would not be in Compac scope. 5. Necessay liasoning with W&M stamping would be in client scope.	Tender Condition Prevails
12	3.4 Utility Specification	Page 18 of 68	Bidder has to provide Surge protection device of Make MTL/ Phoenix in 230 V AC UPS Supply provided by the client	Bidder is informing the we are using ELCOM/OEM make SPD in our dispenser, Kindly consider. we already supplied in many OEM, we will share techncial and testing report on confirmation	To be provided as per tender requirement. Tender Condition Prevails
13	13.0 CHECK LIST: CAR & COMBO DISPENSER & S.No. 6.6	Page 27 of 68	Flexible fill & vent hose – Twin of Parker/syneflex/Mac	Bidder is requesting to kindly consider ZEC S.P.A. make hose. ZEC is also meeting the mandatory standard i.e. ANSI NGV 4.2-2014 / CSA 12.52-2014 standards. We can provide TUV-certificate of ZEC Hose for consideration	Please refer to Note to Recommended Vendor List, Pg. 32 of 68, Technical Volume - II. Tender Condition Prevails
14	13.0 CHECK LIST: CAR & COMBO DISPENSER & S.No. 6.8 Sequential filling – Three bank for Car Dispenser and Bus Dispenser	Page 27 of 68	Sequential filling – Three bank for Car Dispenser and Bus Dispenser	Bidder is informing For Car/Auto Filling of vehicle from the Auto/Car dispenser following sequence: 1st sequence - from low bank for Auto/Car 2nd sequence - from medium bank for Auto/Car 3rd sequence - from high bank for Auto/Car For combo Filling of vehicle from the Auto/Car dispenser following sequence: 1st sequence - from low bank for Auto/Car 2nd sequence - from medium bank for Auto/Car 3rd sequence - from high bank for Auto/Car One High Bank for Filling of vehicle from the Bus side dispenser	Tender Condition Prevails

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15	15.0 VENDOR LIST	Page 29 of 68	RECOMMENDED VENDOR LIST : COALESCENT FILTER	Bidder is requesting to consider TGT/OEM make COALESCENT FILTER. We have supplied in many CGDs supply including IGL and other major CGD companies like MNGL, MGL dispenser	Please refer to Note to Recommended Vendor List, Pg. 32 of 68, Technical Volume - II. Tender Condition Prevails
16	7.1.1	Page 38 of 68	It should be fill electronic type and display the following key information on the dispenser with liquid crystal back-lit display for night viewing showing: Quantities of gas dispensed in kg (7 digits in 2 decimal points i.e., 00000.00) in one row. - Unit cost of gas dispensed in Rupees, Rs/kg (5 digits in 2 decimal points i.e., 000.00) - Complete transaction value /total sales in Rs (7 digits in 2 decimal points i.e., 00000.00) in one row.	Bidder is requesting to consider (6 digits in 2 decimal points) Quantities Gas dispensed in kg (6 digits in 2 decimal points i.e., 0000.00). Unit cost of gas dispensed in Rupees, Rs/kg (6 digits in 2 decimal points i.e., 0000.00). Complete transaction value in Rs (6 digits in 2 decimal points i.e., 0000.00). If the value increases from 9999.99 than the decimal shift by 1 position and become 99999.9 futhermore if the value increases from 99999.9 than the decimal shift by one position and become 999999.	Noted. In addition to 7-digit, 6-digit display is also acceptable subjected to totalized value shall be available in 5 digits compulsorily before decimal with at least one digit after decimal. The same will be verified during inspection at works with successful bidder.
17	7.1.8	Page 39 of 68	For Bus Dispenser and Car cum Bus Dispensers the gas tubing inside the dispensers shall be SS 316, 3/4" OD with a 3/4" SS 2 way ball valve at inlet and 3/4" OD end connection suitable for connecting with 3/4" OD Tube. NRV's shall be provided as required.	Bidder is requesting for clarification as NRV is used after the filter and is not required after the inlet ball valve in car and combo dispensers. Kindly confirm	To be discussed during detailed engineering.
18	7.1.37 DISPENSER CABINET & point no. II	Page 42 of 68	Common drain valve shall have lockable arrangement accessible to DSM for draining of dispenser. Each filter drain line should have NRV 1/4" OD SS & Ball Valve arrangement in series.	In our product, we use two ball valves in the Low and Medium Banks and a 1/4" SS check valve in the High Bank line. After all filters, the drain lines are connected to a common drain line with a ball valve	Noted.
19	7.1.38 FILL HOSE & FILL NOZZLE & Point no. vi.	Page 43 of 68	Hose crimp should be of SS and have protection sleeve over it to avoid short circuit with battery terminal	Bidder is informing that we are using Hose crimp material in CS material to provides good mechanical strength for hose crimp in CNG application with protection sleeve	Tender Condition Prevails
20	16.3 DATA SHEET OF CAR DISPENSERS & Point no. 48	Page 59 of 68	Coalescing Filter SS / BRASS	Bidder is informing that In Bus bank line, we are using SS filter body and in Car Bank line we are using high aluminum grade 6035 advantage : (1) Good mechanical properties and corrosion resistance. (2) Lightweight body for easy handling (3) Tested @400 Bar	Tender Condition Prevails
21	16.3 DATA SHEET OF CAR DISPENSERS & Point no. 21	Page 58 of 68	HOSE RETRACTOR: YES	Bidder is request to kindly include High body frame provide more space which facilitates smooth maintenance of dispenser and total length of the frame shall be approx 2 meter from the base so that hose not be touch in the ground level.without Hi-mast in scope and supply of CNG dispenser.	Tender Condition Prevails
22	35 STORAGE AND PRESERVATION Commercial_Voulme_1_CCI18059	Page 69 & 70 of 95	Further, activities like loading/ unloading at store as well as at site, re- transportation of material, equipments, tools & tackles etc. until handing over of the complete facility to the Purchaser shall be arranged by contractor and in case of re-transportation, payment shall be made as per SOR items relevant for the same.	Bidder is responsible for only for one time activities like loading/ unloading/ transportation at store as well as at site. Re-transportation, Loading and Unloading for Re-transportation will be in buyer's scope. Kindly consider the same.	Tender Condition Prevails

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23	11 TERMS OF PAYMENTS Commercial_Voulme_1_ CC18059	Page 60 of 95	<p>11.1 Payment towards Supply (dispenser and JB including any sub-items) Through direct payment within 45 days from date of receipt of invoice.</p> <p>90% (Ninety Percent) Payment on pro-rata basis shall be released against receipt of materials at site on submission of dispatch documents, manufacturer's certificates, invoice, packing list, insurance policy, guarantee/warranty certificate, inspection release note, Goods Receipt Voucher (GRV) & dispatch clearance issued by the Owner.</p> <p>10% (Ten Percent) Payment shall be released on pro-rata basis after successful completion of installation, Testing and Commissioning of each dispenser package at the site & acceptance thereof by the OWNER and after successful Performance Acceptance Test at site and acceptance by owner for each dispenser.</p>	Bidder is requesting kindly release payment within 30 days from the date of receipt of invoices as per standard payment terms of all CGD companies.	Tender Condition Prevails