

IGL Bhawan, 4, Community Center,

Sector 9, R.K.Puram, New Delhi-110022

Email: navdeep.kanwar@igl.co.in/mohit.gupta@igl.co.in/sweeti.kumari@igl.co.in

REPLY TO PRE-BID QUERIES

SUPPLY, ERECTION, TESTING, COMMISSIONING AND COMPREHENSIVE MAINTENANCE OF (325) NOS. OF DUAL HOSE CNG CAR & (49) NOS. OF CAR CUM BUS COMBO) DISPENSERS Tender No.IGL/ET2/CP/CC18554

Sl. No.	Volume/ Section/ Clause No.	Page No.	Clause No.	Clause	Bidder's Query	IGL Reply
1	Volume II	Page 22 of 60	13.0	1.12 One set of Isolation Valve complete with venting line valve and end plug installed on the inlet of the inlet steel pipes of dispenser.	Bidder is informing that the SRV vent line have connected from VENT PROTECTOR and there is no isolation valve shall be provided in the vent line to ensure safety and minimize human intervention, as per ASME, NFPA-52, OISD-179, and ISO 16923 recommend that vent lines remain free from isolation valves.	Tender clause is referring to dispenser inlet lines not vent line. Tender condition shall prevail.
2	Volume II	Page 30 of 60	2.0	2.3 Calibration Unit as per clause no. 7.6 in the form of Master Meter (Master Mass Flow Meter) with Hose, Nozzle, and Fittings and vent valve mounted on a suitable frame/trolley as per International Standard. The Master Meter for Calibration must have traceability to International Standard. The Calibrator Master Meter should be certified by Weights and Measures or any other statutory authorities as certified Custody transfer meter of the Country of Origin. (such as PTB, NMI, Trans Canada Calibrations, (TCC) Canada, Colorado Engineering Experiment Station Inc.(CEESI) USA, South West Research Inc.(SWRI) USA, PISGAR, etc.)	Kindly clarify clause no. 2.3 point that client shall be require CNG Calibration unit with each dispenser or not?	Calibration Unit required for checking/ calibration of each dispenser at Vendor factory. At site, arrangement of calibartion unit is in IGL scope. Tender conditions shall prevail
3	Volume II	Page 32 of 60	7.0	'- 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.	Biddder 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 increses from 9999.99 than the decimal shift by 1 position and become 99999.9 furthermore if the value increases from 99999.9 than the decimal shift by one position and become 999999.	Tender conditions shall prevail
4	Volume II	Page 33 of 60	7.0	7.1.10 Pressure Relief valve set pressure shall be at 220 kg/cm²g with resetting at 215 kg/cm²g. Relief valve setting has to be adjustable from 205 kg/cm²g to 240kg/cm²g with resetting at 200 to 235 kg/cm²g respectively.	Bidder is informing that the Pressure relief valve Maximum fixed blowdown is typically 20% or less depending on Valve manufacturing and also complied to ASME Section VIII code. Kindly consider set value 255 kg/cm²g	The set pressure of 220 bar is to be considered when over pressre control is through 01 PT + 01 pressure regulator. In case of over pressure control is through 02 PT then set pressure for relief valve is 250 bar. Therefore, tender conditions shall prevail.
5	Volume II	Page 36 of 60	7.1	e. Spring Type Hi-Mast shall be of appropriate height and shall allow free movement of flexible hose, prevent strain on the fill hose connection and avoid touching of ground.	Bidder is requesting 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. Kindly consider the same.	Tender conditions shall prevail
6	Volume II	Page 36 of 60	7.1	b. Appropriate drain valves of the filter outside the dispenser housing with suitable arrangement to collect the drained oil to facilitate the operator to drain the oil on regular basis without requiring opening the lock of the dispenser cabinet.	We will provide a separate side drain door without the need to open the main cabinet door. Kindly accept the same.	Tender conditions shall prevail
7	Volume II	Page 36 of 60	7.1	Specific Conductivity of Filling Hose shall be 0.512 Mega ohms for length Up to 180" (appx. 4.5 Mtr) and, 3.5 Mega ohms for length Over 180" and Up to 1200" (Appx. 30 Mtr.)	Bidder is informing that as per ISO 16923:2016, the resistance shall not exceed 1 M Ω /m, with a maximum of 5 M Ω for the whole length. Kindly review and confirm the same.	Tender conditions shall prevail



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8	Volume II	Page 33 of 60	7.0	7.1.9 The filling system shall have 3 Bank Sequencing System for Car and Car Cum Bus Dispenser. Sequencing system should be in-built to the dispenser unit	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 Kindly consider the same.	Bidder understanding is correct		
9	Volume II	Page 25 of 60		ASEA BROWN BOVERI LTD. BLUE STAR LTD PLACKA INSTRUMENTS & CONTROLS PVT. LTD SHAH PNEUMATICS SHAVO NORGREN (I) PVT. LTD V AUTOMAT & INSTRUMENTS PVT. LTD. VELJAN HYDRAIR PVT. LTD. COMPAC NEWZEALAND	Bidder is requesting kindly consider TGT/OEM make COALESCENT FILTER. We have supplied OEM make filters in many CGDs supply including IGL and other major CGD companies like MNGL, MGL, HPCL, IOCL, BGL etc.	Tender conditions shall prevail		
10	Volume I	Page 14 of 105	11.0	11.1 All bids must be accompanied by a bid security of amount as mentioned in the below table: 1 Group 1, Rs 20,00,000 2 Group 2, Rs. 15,00,000 11.5 PSUs and firms registered as Micro/Small Enterprise with MSME or NSIC are exempted from furnishing Earnest Money Deposit (EMD) / Bid Security, (subject to their enclosing a copy of latest and valid registration certificate for the tendered products/services) with their bid. Bidders must verify their latest status of MSME registration as on date of bid submission. Enterprise which have been re-classified as Medium' enterprise from their earlier status as 'Micro' or 'Small' enterprise in Udyam registration certificate shall be exempted from submitting EMD. The bidders shall be given this exemption for a period of three years from the date of such upward change in their MSME status. Bidders are required to submit Udyam registration certificate(s) meeting above stated conditions for exemption under this provision, failing which bid shall be rejected.	We request you to kindly consider EMD (Earnest Money Deposit) exemption for bidders registered under MSME (Micro, Small and Medium Enterprises), in accordance with government procurement policies promoting MSME participation.	Tender conditions shall prevail		



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1	Volume I	Page 59 of 105	12.0	12.0 TERMS OF PAYMENTS (FURTHER TO CORRESPONDING CLAUSE OF GCC) 12.1 Payment towards Supply (dispenser and JB including any sub-items) Through direct payment within 45 days from date of receipt of invoice. i) 90% (Ninety Percent) Payment shall be released against receipt of materials at site on submission of dispatch documents, manufacturer's certificates, invoice, packing list, guarantee/warranty certificate, inspection release note and dispatch clearance issued by the Owner. ii) 10% (Ten Percent) Payment shall be released on pro-rata basis after successful completion of Erection, Testing and Commissioning of each dispenser package at the site & successful Performance Acceptance Test at site and acceptance of the same by OWNER for each dispenser. iii) In case Erection, Testing and Commissioning and Performance Acceptance Test could not be executed within 120 days from the date of receipt of dispenser at site/ store due to reasons attributable to Purchaser, above 10% payment shall be released. 12.2 Payment against Erection, Testing & Commissioning: 100% payment on pro-rata basis towards Erection, Testing and Commissioning shall be payable within 45 days after submission of invoice duly certified by the Engineer-In-Charge. 12.3 Payment against Performance Acceptance Test: 100% payment on pro-rata towards Field Performance Test shall be released within 45 days after submission of invoice duly certified by the Engineer-In-Charge. 12.4 Payment against Repair & Comprehensive Maintenance: On pro-rata monthly basis, against monthly invoices duly certified by the Engineer-In-Charge within 45 days after submission of invoice duly certified by the Engineer-In-Charge.	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 conditions prevail.			
1	2 Volume II	25 of 60 to 27 of 60	15.0	In approved Vendor List 1. SS Tubing 2. Hose 3. SS Fittings & valves 4. Pressure transmiter	Request you to kindly add below make in approved Vendor list of these items 1. SS Tubing- JINDAL SAW 2. Hose -TRANSFER OIL 3. SS Fittings and Valves - ASTEC 4. Pressure tranmitter - a. TE connectivity (MES) & b. Huba Control TE Connectivity (TE) is a global leader in industrial technology, specializing in sensor solutions. The company is headquartered in Berwyn, Pennsylvania, and employs over 89,000 individuals across more than 140 countries. TE Connectivity manufactures Pressure Transmitters — under its Measurement Specialties brand with high-accuracy for Pressure Apllication. Huba Control - It is one from the top brands of Pressure Transmitters around the world to find the best fit for our CNG Dispensers. Huba Control is a Switzerland based company manufacturing high precision instruments and having its presence in 165 countries around the world. This pressure transmitter are with ATEX, IECEx and PESO approvals. If you require any supporting documents for these PT, please let us know, we will provide.	Tender conditions shall prevail			
1	S Volume II	39 of 60	7.3	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 conditions shall prevail.			



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14	Volume I	07 of 105	3.2	The material is to be delivered in lots as per IGL requirement. First lot of 81 nos. of Car dispensers and 12 nos. of Car cum Bus (Combo) dispensers are to be delivered at IGL site/stores within 12 weeks from the date of release / purchase order. Delivery Period for subsequent lots will be 08 weeks from the date of release / purchase order.	We Request Delivery Period to be 14 to 16 weeks for all lots: because pratically 10 weeks delivery is not possible	Tender conditions shall prevail		
15	Volume II	09 of 60	2.1	SCOPE OF WORKS FOR DISPENSER: The quantities & delivery schedule will be as defined elsewhere in the Bid. This is a generic specification for Combo/Bus/ Car Dispensers. The specification shall be referred for the procurement of Combo & CAR dispensers. For sealing for commercial sale during commissioning, W&M India fee shall be paid by IGL. In case of replacement/repair of Flowmeters, if, seal has to be break then fee for re-stamping from W&M department, shall be recovered from monthly maintenance charges. However, charges for annual stamping shall be paid by IGL.	Compac will ensure necessary assistance during the verification & stamping by legal metrology department. However, any commercial implications arising from this activity shall not fall under Compac's scope.	Tender conditions shall prevail		
16	Volume II	14 of 60	2.27 (K)	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.	Compac will ensure the dispenser transportation at IGL Store or IGL site once only. the dspenser shifting from site to site will be considered under the contract, necessary transportation for such shifting work will be on additional cost.	Tender conditions shall prevail		
17	Volume II	56 of 60	5.4.1	Penalty: 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.	Compac ensure to carry out the preventetive maintenance according to IGL provided schedule. However, in case of exceptional cases the penalty should not be more then Rs. 100/- per instance	Tender conditions shall prevail		
18	Volume II	57 of 60	5.4.2	(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 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.	Compac ensure to fulfilment of IGL's O&M guide line for dispenser availability of operation. However, the penalty on the non-functional dispenser should not be more then 25% of monthly AMC cost of indivisual dispenser. Compac request to review & consider the following penalty slab in case of nonfulfilment of of IGL guideline for dispenser availability for operation, the 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. 100 / dispenser / instance ii. Beyond 12 Hours upto 24 Hours: Rs. 200 / dispenser / instance iii. Beyond 24 Hours upto 48 Hours: Rs. 500 / dispenser / instance iv. In case there is, a continuous breakdown/ dispenser arm beyond 48 hours Rs. 1000/- 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 1000/-(penalty for BD more than 48 hrs) and not full CAMC charges. vi. However, total penalty amount shall be capped at 25 % of the monthly AMC charges of the indivisual dispenser.	Tender conditions shall prevail		
19					SPECIAL CONDITION OF COMPAC 1. Any type of accidental damage or mishandelling damage would not be covered under AMC contract. 2. Breakaway, vent tube broken and hose pulling issue would be covered under mishandelling case. 3. Preventive maintenance should be done quarterly. 4. Hose pipes/ngv/nzs to be change at the time of complaint. 5. Transportation of dispensers would not be in our scope. 6. W&M stamping would not be in our scope.	Tender conditions shall prevail		



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20	Volume II	24 of 60	6.8	Sequential filling – Three bank for Car Dispenser and Bus Dispenser	Bidder request to kindly consider For Car/AutoFilling of vehicle from the Auto/Car dispenser following sequence: Ist sequence - from low bank for Auto/Car 2nd sequence - from medium bank for Auto/Car3rd sequence - from high bank for Auto/Car For combo Filling of vehicle from the Auto/Car dispenser following sequence: Ist sequence - from low bank for Auto/Car 2nd sequence - from medium bank for Auto/Car3rd sequence - from high bank for Auto/Car One High Bank for Filling of vehicle from the Bus side dispenser	Bidder understanding is correct	
21	Volume II	39 of 60	7.3	All the auxiliary instruments like Mass Flow Meter, Pressure Transducer / switch, ESD,SOV etc. shall be on 24 V DC supply only.	Bidder request to kindly consider Mass Flow Meter and SOV Supply Voltage is AC (Design is approved by Peso) and other all instruments supply shall be through DC Voltage.	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 conditions shall prevail.	
22	Volume II	26 of 60	APPROVE D VENDOR LIST	Relief Valve	Bidder request to kindly consider HY-lok/Dklok make relief valve in the approved list same has been approved by CGD Industry	Tender conditions shall prevail	
23	Volume II	26 of 60	APPROVE D VENDOR LIST	SS TUBING	Bidder request to kindly include Jindal Make SS Tubing in the approved Vendor List as the same has been already recognised and approved by the CGD INDUSTRY like BPCL,HPCL,IOCL etc	Tender conditions shall prevail	
24	Volume II	27 of 60	APPROVE D VENDOR LIST	TWO WAY/THREE WAY VALVES AND SS FITTINGS	BIDDER Request to kindly include Fittings and Ball Valves- Superlok Makes in the approved vendor list as these make are widely accepted and proven in CGD Industry like BPCL.IOCL,HPCL ,CUGL etc	Tender conditions shall prevail	
25	Volume I	09 of 105	7.1	Participation of Authorized Indian Suppliers/ Indian Subsidiary on behalf of Foreign Manufacturer(s):	Conditions should be equitable for both India OEMs & Foreign OEMs. This will give equal and fair opportunity to the dealers of the Indian OEM's to participate in the tender those OEM's who are relatively new in the market. This will also support the manufacturing of Indian OEM's. Other CGD companies are allowing dealers of Indian OEM to participate in the tender.	Tender conditions shall prevail	
26	Volume II	12 of 60	2.25 K	Supply of standard make, WP IP 42 junction boxes, terminal blocks and installation of junction box shall be is in dispenser Vendor's scope. Junction box shall have 8 inputs cables entry points (side) and two outgoing entry points including spare (bottom), cable entry from top is not accepted, size of junction box to be decided by vendor. All the spare entry shall be plugged properly. Vendor shall be responsible to provide all the signals at the junction box which will be connected to RTU. During installation & commissioning of dispenser same shall be demonstrated by vendor to IGL's Engineer	Request to provide Techinical specification if any difference from last supplied.	Tender conditions shall prevail	
27	Volume II	21 of 60	11.2 3.2	Cross section drawings of individual equipment/ skid, material & parts list.	We are using Auto Cad software which has some limitations for showing 3D and Cross sention view of individual component.	Tender conditions shall prevail	
28	Volume II	21 of 60	12.1 f	All final drawings shall also be given to purchaser in digitized form on CD-ROM compatible to AUTOCAD software	Request you to approve PDF format drawings	Tender conditions shall prevail	
29	Volume II	22 of 60	13 . 1.5	There should be 2 Nos display, one on each side of the Car /Combo dispenser and 1 No display for the Bus Dispenser. Fast fill type and electronic display – CAR & COMBO: 4 Sets of 3 rows:	Please clearify car and combo dispenser mentioon dual disply. Last supply with single display.	As per tender conditions, there should be 1 display for each arm	



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30	Volume II	23 of 60	13 2.1	Air compressor with associated receiver, instrumentation and the accessories as required	Request to provide Techinical specification if any difference from last supplied.	Subsequent corrigendum shall follow		
31	Volume II	24 of 60	13 6.5	Fill Nozzle – CAR: one NZS Class A and one NGV1 with 9/16" NZS 5425 type Refuelling with Adopter BUS: Fill Nozzle – Sherex CT 5000 OR Equivalent COMBO :As per above Car & Bus combination	Please clearify Nozzle type for both Arm in Car dispenser Please clearify Nozzle type for Car fill Arm in COMBO dispenser.	AS per clause no. 7.1.38.a of tender, for car dispenser both hoses shall be fitted with NGV nozzles. For Combo dispenser, NGV nozzle at Car side & Bus nozzle at Bus side		
32	Volume II	25 of 60	C.N 15 A	ITEM CODE / DESCRIPTION : COALESCENT FILTER / REGULATORS	Request you to approve Parker make Filters as it's being used by Major CGD's	Tender conditions shall prevail		
33	Volume II	26 of 60	C.N 15 F	ITEM CODE / DESCRIPTION : SELF ACTUATED PR. CONTROL VALVE	Request you to approve makeParker as it's being used by Major CGD's /or confirm electro valve .	Tender conditions shall prevail		
34	Volume II	26 of 60	CN 15 S	ITEM CODE /DESCRIPTION : CABLES	Request you to approve make Helukabel as it's being used by Major CGD's	Tender conditions shall prevail		
35	Volume II	27 of 60	CN 15 O	ITEM CODE /DESCRIPTION : BREAKAWAY COUPLING -1 OPW 2 WEH 3 STAUBLI 4 OASIS	Request you to approve Parker make break away coupling as it's being used by Major CGD's	Tender conditions shall prevail		
36	Volume II	27 of 60	CN 15 R	ITEM CODE /DESCRIPTION: NGV NOZZLES- OPW, WEH, STAUBLI, 4 OASIS	Request you to approve Parker make nozzles as it's being used by Major CGD's	Tender conditions shall prevail		
37	Volume II	33 of 60	7.1.3	Physical design should be of stainless steel (SS-304) body of cabinet with thickness 1.6 mm alongwith Stainless Steel (SS-304) doors/ panels to minimize corrosion and on-going wear and tear. The dispenser should have tamper-proof locking arrangement. The cabinet should be suitably designed to accommodate all valves, fitting flow meter and all required electronic equipment. Wire mesh net to be provided at the base of dispenser to avoid entry of rats, lizards etc. Cabinet wall thickness shall not be less than 1.6 mm.	Kindly note that Parker dispenser comes with 1.2mm sheet thickness for skin and 1.6mm thickness for Door .	Tender conditions shall prevail		
38	Volume II	36 of 60	7.1.37 D	Two number of Hi-mast with flexible hose arrangement or Appropriate arrangement to be provided in order to allow free movement of flexible hose, prevent strain on the fill hose connection and to avoid touching the ground.	Kindly note Parker dispenser comes with high pillars which does not require separate Hi-mast arrangement	Tender conditions shall prevail		
39	Volume II	52 of 60	16.3.21	HOSE RETRACTOR: YES	Kindly accept without retractor	Tender conditions shall prevail		