

AGCL/RB/2023-24/MS_HSD DU/145/12 DATED 30.11.2023

Consolidated Reply / Comments on the Pre bid queries from all prospective bidders

Corrigendum /Addendum will be published for any changes or addition to tender DATED 30.11.2023

Please check www.assamtenders.gov.in or www.assamgas.org for any such update.

Sl.No	Tender Clause No.	Description of Tender clause	Pre Bid Query	AGCL Remarks/Reply/clarification
1	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-9, Page no: 34	Filter pre-metering unit: Pre- meter filter of 90 micron for diesel & 40 micron for petrol.	It is recommended to opt for filter size of 70 micron for Petrol and Diesel as the frequency of clogging of filter will be more in case we go for 40 micron filter for Petrol and also maintenance will increase. This practise is also accepted and followed in all the OMCs.	The Clause 9 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: Filter pre-metering unit: Pre- meter filter of 70-80 micron for diesel & 30-40 micron for petrol.
2	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-10.4, Page no: 34	The DU's must be confirming all existing laws of latest rules of legal meterological department, duely certified by the competent authorities , applicable at the FAT and SAT.	DU compliance shall be as per Prevailing guidelines/act at the time of bid submission. Tokheim India Pvt Limited (TIPL) is not responsible if any act/guidelines changes. Any implementation on such changes will be based on the technical feasibility, cost, time and associated statutory approval thereof.	Bidder's understanding is correct.
3	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-10.6, Page no: 34	Pressure Resistivity: All rubber seals, metal parts, valves, moving parts and assemblies (with probability for coming in contact with fuel) shall be compatible with fuel given in clause 1 (MS,MS blended with upto 20% ethanol or methanol . HSD, mixed petrol & Bio diesel blending) shall be of suitable material , resistant to the above fuels.	As per Tokheim's understanding compatibility for 20% ethanol, 10% Biodiesel and 5 % Methanol blending is acceptable.	Bidder's understanding is correct.
4	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.1, Page no: 36	Make: Markwell / Gates / Parker or approved by AGCL UL/ATEX approved hoses from reputed manufacturers.	As per Tokheim's understanding ATEX approved hoses as per EN1360 standard is acceptable by AGCL.	UL/ATEX approved hoses are acceptable is mentioned in the clause, hence there is no change in the specification clause
5	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.3, Page no: 36	Type: Single braid, Hard wall, (High Tensile Steel wire braided) petrol/diesel / 20% ethanol or methanol mixed petrol and Bio Diesel blending resistant hose, 4 Mtrs. Long, and fitted with 340/360° single plane/ double plane swivel arrangement at nozzle end. Hose conforming to EN: 1360 have 2005 or equivalent and ATEX/UL approved.	As per Tokheim's understanding compatibility for 20% ethanol, 10% Biodiesel and 5 % Methanol blending is acceptable.	Bidder's understanding is correct.
6	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.7, Page no: 36	Markings: The following information shall be clearly marked on the hose surface in intervals of one meter: Name or brand of manufacturer, Relevant standards Compliance, Year of manufacturer, Product handled shall be identified by a sticker over the hose at both ends Every length of the hose should have the minimum manufacturer name, logo and the approvals/ certifications compliance marked clearly on the hosepipe.	The requested product sticker on hose end will lead to operational challenges on the retail outlet as the same may not last the handling/usage on field and hence not recommended. This customisation creates a lot of logistic issues which increases the replacement cycle time. All OMC users have moved to standatd hoses without any customisation because of practical challenges during maintenance. Aslo the cost goes up.	The Clause 11.7 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: Markings: The following information shall be clearly embossed/marked on the hose surface at both ends of the hose. Name or brand of manufacturer, Relevant standards Compliance, Year of manufacturer.

7	<p>Technical Specification for MS/HSD Dispenser, Annexure-B, SN-12.1, Page no: 37</p>	<p>Makes: Detailed Specifications– Break away Coupling: <u>Technical Specification of 1”(25mm) Re-usable/Reconnectable Breakaway Couplings</u> <u>(Minimum technical requirement – Superior product acceptable provided certified by technical expert from reputed Government Engineering Institute)</u> Safety breakaway couplings must prevent dispensers from being pulled over and must prevent fuel spills Breakaway should be easily Reconnectable with minimum force upon separation at site, having integral check Valve close stopping the flow and limiting any fuel spillage from either hose end. The poppets and sealing surface should be protected from impact during separation by a durable plastic sleeve. It should be site Reconnectable requiring minimum force of not more than 30 lbs. This breakaway coupling must be able to function and break with a short whip hose of 9 inches long. It must be able to break in axial direction only Body: Aluminum. Sleeve: HDPE Seals: Viton Spring: Stainless Steel Poppet: aluminum Design working pressure: 50 PSI. Should be site Reconnectable Approval: UL/ ATEX</p>	<p>As per Tokheim's understanding compatibility for 20% ethanol, 10% Biodiesel and 5 % Methanol blending is acceptable.</p>	<p>Bidder's understanding is correct.</p>
8	<p>Technical Specification for MS/HSD Dispenser, Annexure-B, SN-12.2, Page no: 37</p>	<p>Shear Valve: <u>(Minimum technical requirement – Superior product acceptable provided certified by technical expert from reputed Government Engineering Institute)</u> Emergency Shut off Valves, which are installed on fuel supply lines beneath dispensers to minimize hazards associated with collision or fire at the dispenser. Shear valve shall have proper fixing arrangement as part of assembly, along with flexible pipe of approved make, quality and pressure rating with suitable coupling at ends.</p>	<p>Tokheim will supply fixed piping arrangement to connect dispenser and shear valve. We do not recommended using flexible pipes for pressure type dispensers. As per industry and safety guidelines flexible pipe is not recommended for pressurised lines.</p>	<p>The Clause 12.2 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: Emergency Shut off Valves, which are installed on fuel supply lines beneath dispensers to minimize hazards associated with collision or fire at the dispenser. Shear valve shall have proper fixing arrangement as part of assembly, along with Fixed Piping, quality and pressure rating with suitable coupling at ends. UL/ATEX approved, easy availability of replacement part like link retaining screw and hold open link to be ensured</p>
9	<p>Technical Specification for MS/HSD Dispenser, Annexure-B, SN-13.7, Page no: 38</p>	<p>Specifications & Features: The following features should also be available: Nozzles must be equipped with a manually controlled operating device, which may incorporate (removable) integral latch to control the liquid flow. Nozzle must be equipped with hand insulator or should use nonmetallic (warm) materials for customer contact point. Nozzles must be constructed such that after shutting off, the nozzle will prevent drips of product on the forecourt Nozzles shall be lightweight and easy to operate. Nozzles shall be suitable for all types of Fuels including Blended Fuels for which the DU is in use. Nozzles shall have 'Hold Open Device' Nozzle shall have replaceable two piece spout Nozzle should have a Flow lock design/safety valve. Spout poppet should not be made of plastic. Spout should have a shear groove Hand Insulator should have badge for putting AGCL logo. Nozzles should be cycle tested and proven to last longer than 3 million cycles in test lab. Manufacturer should have facility in India to take care of after Sales Service to reduce the total cost of ownership. Nozzles must be repairable. Either on or off site. Nozzle shall have UL 842 approval OR EN13012 approval. Nozzles shall have Two Stage lever mechanism for +ve shut off. Nozzles shall have-KHK or UL-or ATEX CE approval. Suitable colour, shine and gloss, shall not be loosing the colour/shine due to sun exposure</p>	<p>Nozzles will be complied as per UL 2586</p>	<p>The Clause 13.7 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: Specifications & Features: The following features should also be available: Nozzles must be equipped with a manually controlled operating device, which may incorporate (removable) integral latch to control the liquid flow. Nozzle must be equipped with hand insulator or should use nonmetallic (warm) materials for customer contact point. Nozzles must be constructed such that after shutting off, the nozzle will prevent drips of product on the forecourt Nozzles shall be lightweight and easy to operate. Nozzles shall be suitable for all types of Fuels including Blended Fuels for which the DU is in use. Nozzles shall have 'Hold Open Device' Nozzle shall have replaceable two piece spout Nozzle should have a Flow lock design/safety valve. Spout poppet should not be made of plastic. Spout should have a shear groove Hand Insulator should have badge for putting AGCL logo. Nozzles should be cycle tested and proven to last longer than 3 million cycles in test lab. Manufacturer should have facility in India to take care of after Sales Service to reduce the total cost of ownership. Nozzles must be repairable. Either on or off site. Nozzle shall have UL 2586 approval OR EN13012 approval. Nozzles shall have Two Stage lever mechanism for +ve shut off. Nozzles shall have-KHK or UL-or ATEX CE approval. Suitable colour, shine and gloss, shall not be loosing the colour/shine due to sun exposure</p>

10	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-14, Page no: 39	<p>RUBBER COMPONENTS: Compatibility of rubber compounds to products dispensed: All rubber soft seals shall be manufactured in Viton or equivalent grade/superior grade compounds to resist deterioration in size or damage to composition when in direct or near contact with the product to be dispensed, such as petrol/diesel/ min 15-20% ethanol mixed petrol. Vendor shall list out all such seals and certify use of non- permeable compounds at technical bid stage.</p> <p>Individual product carrying assemblies holding ATEX or UL or KHK approvals, such as Solenoid Valves, Breakaway Couplings, Hose and Auto Cut-off Nozzles shall be exempted from this list. Ethanol Blending is 15% and accordingly bidders may design the components.</p>	As per Tokheim's understanding compatibility for 20% ethanol, 10% Biodiesel and 5 % Methanol blending is acceptable.	<p>The Clause 14 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: RUBBER COMPONENTS: Compatibility of rubber compounds to products dispensed: All rubber soft seals shall be manufactured in Viton or equivalent grade/superior grade compounds to resist deterioration in size or damage to composition when in direct or near contact with the product to be dispensed, such as petrol/diesel/ min 15-20% ethanol mixed petrol,10% bio-diesel & 5% methanol blending. Vendor shall list out all such seals and certify use of non- permeable compounds at technical bid stage.</p> <p>Individual product carrying assemblies holding ATEX or UL or KHK approvals, such as Solenoid Valves, Breakaway Couplings, Hose and Auto Cut-off Nozzles shall be exempted from this list. Ethanol Blending can be upto 20%, 10% bio-diesel & 5% methanol and accordingly bidders may design the components.</p>
11	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-15, Page no: 39	Provisions for Tag Reader fixing: Proper provisions for Tag Reader fixing to be made. 2 Blanking plates to be provided on each side for Dual/ MPD . Such plate to be of 150 mm x 150 mm dimensions, should be removable to enable mounting of tag/ card readers with in the same area also specified as Div. 11 safe area by CCOE/ approving agencies and at a minimum height of 1200 mm from the ground level, (RFID reader will be mounted out side, in the sides of the Dus. Number of readers will be equal to the number of nozzles)	Clarification. Will be equal to the Active Nozzles (Fueling point)	<p>The Clause 15 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Provisions for Tag Reader fixing: 1. Proper provisions for Tag Reader fixing to be made. 2. Blanking plates to be provided on each side for Dual. Such plate to be of 150 mm x 150 mm OR 75mm x 75mm OR as per manufacturer's specification, should be removable to enable mounting of tag/ card readers with in the same area also specified as Div. 11 safe area by CCOE/ approving agencies and at a minimum height of 1200 mm from the ground level, (RFID reader will be mounted out side, in the sides of the DUs. Number of readers will be equal to the number of Active nozzles)</p>

12	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-17.12, Page no: 41	<p>Pulsar(3rd Section): Pulsar must have features to make it tamperproof against manipulation like addition of external circuit/software affecting the measurement. The Pulsar unit must have features to make it tamper proof such as the sensor embedded in a proprietary IC giving encrypted output with no access to the actual sensor outputs, with warning signal and stoppage of pump for failure of the sensor. Vendor to have total control / ownership over the inputs & outputs of IC. The design can be vendor specific.</p> <p>Any tampering/opening/ change/ of the above Pulsar (once connected and enabled by OEM) should result in stopping the DU and destruction of Pulsar unit (changeable as one single unit). Any defect in pulsar should necessarily require change of the pulsar unit. New Pulsar unit can be operated/ replaced only after authentication through OTP by OEM with prior permission & thereafter mandatory reporting to AGCL in writing after change is made.</p> <p>Any disconnection/ re-connection of the above Pulsar (once connected and enabled by OEM) shall generate non – erasable logs which shall be retrievable as per requirement, minimum in power on condition or with power capacitor. Potting (Applicable to potting in all cards of dispensing units as per stated requirement of level (partial/ full) of potting): The entire Pulsar unit must be encapsulated as a single unit which should be tamper proof and should self-destruct (unusable under any circumstances). Potting must cover all critical components inside the pulsar unit – total potting in compliance ATEX approval norms</p> <p>Black potting restricts any visibility to the internal circuitry. As the PCB layout, components & part numbers are not seen through, it provides complete restriction from any tampering/replicating of the internal circuitry. Any attempt to tamper black potting would be easily noticeable/ viewable. In addition, the pulsar unit shall form integral part of family integrity at DU Level. All LM requirements over and above AGCL minimum requirement to be complied with. Pulsar communication to ERA shall be secured & encrypted with AES-256 bit encryption or better. The encryption should be there in all intelligent electronics cards (e.g. Key Pad, Display, control card (s) and Pulsar). Necessary certification from globally accepted agencies like NII or equivalent (credentials of the agency to be submitted to AGCL. Pulsar communication to ERA shall be secured & encrypted with AES-256 bit encryption or better. The encryption should be there in all intelligent electronics cards (e.g. Key Pad, Display, control card (s) and Pulsar). Necessary certification from globally accepted agencies like NII or equivalent (credentials of the agency to be submitted to AGCL.</p>	<p>OEM is not responsible if any installed DU is tampered as Dus under custody of AGCL or its dealer. Dispenser is connected to automation systems provided by AGCL. Dispenser sends data to Forecourt controller upon request from FCC & dispenser acts as slave. Hence no public data is stored at Dispenser. TIPL shall not be responsible for any breach data at FCC end. Further any upgrade/alteration of firmware/software/hardware will be undertaken by TIPL be based on the feasibility and cost agreed mutually at the time of implementation. However, it will be applicable as per the outcome of writ petition filed against tampering clause in OMC tenders.</p>	<p>There is no change in tender specification clause, any tampering/opening/ change/ of the above Pulsar (once connected and enabled by OEM) should result in stopping the DU and destruction of Pulsar unit.</p>
13	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-18, 3rd Section under OTP Feature, Page no: 42	<p>OTP Feature: Vendor shall have record of OTP's - For last 10 OTP's and for 12 Months of each OTP's and cross checking same on AGCL scope.</p>	<p>As per Tokheim's understanding the OTP audit logs has record for 100 logs. Tokheim can provide report to AGCL on need basis.</p>	<p>Vendor shall have record of OTP's - For last 10 OTP's and for 12 Months of each OTP's or record of 100 logs and cross checking same on AGCL scope.</p>
14	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-18, 4th Section under OTP Feature, Page no: 42	<p>OTP Feature: OTPs should be DU specific (i.e. for each Metering Unit). Invalid tries of OTP are restricted to 3 entries, further entries will lock the DU.</p>	<p>As per Tokheim's understanding this is applicable for E-Calibration only</p>	<p>Tender condition Prevails</p>
15	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-20, Page no: 43	<p>PCB cards should withstand noise level of 2Kv. Vendor has to guarantee declaration of all the PCBs should be of latest technology. All PCBs to bear Vendor's Company logo & Identification mark.</p> <p>Provision shall be available for storing the hardware history of changes / replacement made in any of the processors boards of the DU.</p> <p>Inspection of QA plan for the dispensing units and AGC and its authorized inspectors must be allowed to peruse the QA plans as well as the implementation of QA Plans for ERAs.</p>	<p>Noted. Tokheim will share QA plan with AGCL for recommendations, however, full ownership and implementation will reside with OEM</p>	<p>QAP to be provided by Vendor, AGCL shall approve the QAP, however, full ownership and implementation will reside with OEM.</p>
16	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-28, Page no: 44	<p>No. of Digits: 12 digits without decimal</p>	<p>Since the least count of the dispenser is 10ml the totaliser Supplied with dispensers will have the same least count i.e totaliser with 2 decimal points (10+2). This is as per the Prevailing practice and accepted by all the OMCs.</p>	<p>The Clause 28 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: 12 digits including 2 decimal points.</p>

17	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-30, Page no: 44	Preset Facility: Minimum preset Amount = Rs.50 (this will have dependency on rate)	Tokheim would like to propose minimum Rs. 10 preset for delivery.	The Clause 44 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Minimum Preset Amount is Rs. 30/-
18	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-35, Page no: 44	Printer: A provision to add printer should be provided to the pump for printing the customer receipt. DU should, by default enable local receipt printing. Option should be available on auto as well as manual mode. Printer shall be part of the DU, fixed and provided. number of printers shall be equal to the number of nozzles, or only 2, but in that case printer shall have the print selection command to choose the nozzles. The software shall be updated to print the AGCL logo on the print, if advised.	We will provide only two printers one per side irrespective of the number of nozzles or active displays	Tender condition Prevails (only two printers, one on each side)
19	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-36, Page no: 45	Local Printing on DU Printer: DU should enable local receipt printing on demand. Each print out should contain the transaction ID (maximum 8 digits) of the sale transaction. Facility to input and print the vehicle number shall also be provided through DU Alphanumeric keypad and LC Display. The default vehicle no. If not entered, should read "Not Entered".	Tokheim would like to propose unique transaction ID to AGCL which will be Alpha Numeric 16 digits long. This will be unique in nature and more secure.	The Clause 36 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: DU should enable local receipt printing on demand. Each print out should contain the transaction ID (maximum 16 digits) of the sale transaction. Facility to input and print the vehicle number shall also be provided through DU Alphanumeric keypad and LC Display. The default vehicle no. If not entered, should read "Not Entered".
20	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-41, Page no: 46	Printer output should include the details: Name of the outlet Address & Tel no. Date/ Time Vehicle no. (Alpha numeric) Bill No for each transaction with reset button LST no./ CST no./ GST nos./ PAN No. etc. Product Rate — Rs. per litre Volume — Litres Amount — Rs. Thanks Come/Visit Again. Printer should be able to print additional information in the receipt for density, pump/ nozzle no. & attendant identification from automation system as and when required. Presently this information shall not be printed in case of non-automated RO. DU should have programmable facility to customize RO/ DU wise printing details out of above. Any item can be deleted/ added as per requirement. DUs should have programmable facility to print single or duplicate receipt for same transaction. Duplicate will have "Duplicate Copy " printed at TOP.	As per Tokheim's understanding sample print will be provided to AGCL for Acceptance. We request AGCL to provide Logo in Balck and White in BMP format.	AGCL shall provide its logo in B&W to the successful bidder
21	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-43.4, 3rd Section, Page no: 47	Make of Vinyl: 3M /Avery Denison	As per Tokheim's understanding 3M/ Avery Denison equivalent Vinyl can be supplied to AGCL	The Clause 43.4, 3rd Section, of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: Make of Vinyl: 3M /Avery Denison or Equivalent
22	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-49, Page no: 51	Undertaking: OEMs should mention how they have implemented the crucial recommendations of the statutory bodies, such as Tamper free Pulser with facility to self-destruct, Family integrity check, and AES-256 encryption. This then could be vetted by CDAC for any non-compliance	Need further clarification from AGCL	Tender condition Prevails, Pulser should be AES-256 encrypted, this could be vetted by CDAC or any other equivalent Government approved agency.
23	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-50, Page no: 51	Dual Locking arrangement for ERA: Provision for Dual Locking/ dual seal of ERA and Pulser unit through a unique Biometric/electronic Lock for top box & Hydraulics as locking arrangement with access logs and backup to be provided. Same to be also synchronized with KMS key management system. Same should also be communicable to FCC/ CMS through Automation for all such key operations.	As per Tokheim's understanding KMS system will be in AGCL scope. Electronic Door Locks are controlled by Dispenser electronics through OTP. However, KMS operates on different technology of different controller. Hence it is not possible to synchronize KMS.	The Clause 50 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Dual Locking arrangement for ERA: Provision for Dual Locking/ dual seal of ERA and Pulser unit through a unique Biometric/electronic Lock for top box & Hydraulics as locking arrangement with access logs and backup to be provided . Same should also be communicable to FCC/ CMS through Automation for all such key operations.

24	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-59, Page no: 53	<p>Electricals: Appropriate provision for Earthing shall be provided within the dispenser, with provision to connect to the site earth pit. All key elements like Pulsar, Motor, ERA, body including every gasketed element like the ERA doors etc shall be specifically wired / linked to the main earthing point on the DU.</p> <p>The DU earthing scheme shall be submitted separately along with the QAP. Motor Power supply in-comer shall be through a 2 pole MCB of suitable rating (recommended minimum 10 A, 250 V). Relay (SSR) driven switching desired for Motor. In addition to the MCB, a RCCB of suitable capacity shall be provided within the DU at each power in-comer.</p> <p>In addition ELCB and earthing relay for ensuring protection against earthing fault & ensuring continuous earthing shall be provided.</p> <p>Note: MCB/ RCCB shall be mandatory for local safety on dispensers and enhance the life of electrical & electronic components. This also helps in increasing the uptime for dispenser operation.</p>	As per Tokheim's understanding MCB/RCCB is required for ERA power only. As the dispensers are pressure type, there are no motors hence no power envisaged.	Tender condition Prevails
25	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-64, Page no: 54	<p>Approval references/ Amendments: Vendor to validate all listed approvals (As per the Law of land) from time to time and indemnify AGCL for any loss arising out of non-renewal/adherence of such statutory approvals/ laws of the land.</p> <p>In case there is an amendment required in the approvals to meet the mentioned specifications the same shall be obtained & provided before the closure of the tender.</p>	As per Tokheim's understanding Indemnification will be capped to value of the contract	Tender condition Prevails
26	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-66, Page no: 55	<p>Access Control to Hydraulic & Electric Panels/ sections: Should be independent of the DU Electronics</p>	This point is contradictory to point for EDL requirement. As per Tokheim's understanding electronic door lock for ERA is interlocked with hydraulic door and hence not independent of each other.	The Clause 66 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Access Control to Hydraulic & Electric Panels/ sections: Access control to Hydraulic and ERA can be independent of each other OR Electronic door lock for ERA can be interlocked with hydraulic door.
27	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-68, Page no: 55	<p>Gas Elimination Device: Must conform totally to OIML 117 & 118 including latest approvals. All tests for Gas Elimination Device must form a part of pattern approval test including efficiency of Gas Elimination Device.</p> <p>Metering unit & complete system (DU) shall be tested as per OIML STANDARD R- 117 & OIML standard R-118.</p>	AGCL to note that in the Pressure Type DU the same is not required. Kindly amend the same.	The Clause 68 of Technical Specifications for MS/HSD Dispenser, Annexure B stands deleted.
28	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-70, Page no: 56	<p>ERA Handling of Motor: Pump Motor should not switch on before completion of segment check sequence.</p> <p>Pump Motor to switch off if no fuel is dispensed for duration up to 30 seconds for HD & 15 seconds for SD (maximum). The period of time out shall be configurable downwards in stages of 5 seconds. Default setting will be 15 seconds. Log trail of this time out with timestamp should be available for the last 50 such events.</p> <p>The period of such time out shall be configurable at site through programmable keypad commands under a level of password protection.</p> <p>Repeated occurrence of such Time Out's to log an error, that is recorded such errors site shall be logged to pump error log memory. Last 20 errors shall be recallable on keypad display or printed as audit trail.</p>	As per Tokheim's understanding Standard setting can be followed for DU (irrespective of Flowrates)	The Clause 70 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below- ERA Handling of Motor: Pump Motor should not switch on before completion of segment check sequence. Pump Motor to switch off if no fuel is dispensed for duration up to 15 seconds for SD & HD (maximum) . The period of time out shall be configurable downwards in stages of 5 seconds. Default setting will be 15 seconds. Log trail of this time out with timestamp should be available for the last 50 such events. The period of such time out shall be configurable at site through programmable keypad commands under a level of password protection. Repeated occurrence of such Time Out's to log an error, that is recorded such errors site shall be logged to pump error log memory. Last 20 errors shall be recallable on keypad display or printed as audit trail
29	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-72, Page no: 57	<p>Addl. Points: As and when any card/s are changed, it should be mandatorily informed by the vendor to AGCL on weekly/Fortnightly basis or whenever required by AGCL. Vendor to mandatorily inform AGCL with explanatory notes whenever any software modifications carried out on monthly basis/whenever required by AGCL. Same has to be done in separate report, DU wise indicating the previous change and the reasons for the last and present change on monthly basis for DUs wherever such changes are made. This history card shall be maintained throughout the life cycle of the DU and updated card shall be submitted in the month any changes are made.</p> <p>Along with the other details name of service engineer and the RO Manager present at RO during such changes shall also be mentioned.</p>	As per Tokheim's understanding since all log related information is available in dispenser for hardware and software change, AGCL will request Tokheim in case any specific DU logs are required.	Tender condition Prevails

30	ANNEXURE- A, Instruction to Bidders & General condition of Contract (GCC), Section 6.5.2, Page no: 13	All inclusive charges for Third Party Inspection (TPI) must be filled in on-line in the bid.	Could you please provide details on the requirement outlined in clause 6.5.2 regarding Third Party Inspection (TPI)? Specifically, how should bidders include the all-inclusive charges for TPI in the online bid submission? Are there any specific formats or guidelines that bidders need to adhere to while filling in this information online?	Third Party Inspection charges should be included in the basic rate of the Dispenser. Please refer Clause 19 of SOW & SCC.
31	ANNEXURE- A, Instruction to Bidders & General condition of Contract (GCC), Section 6.6.3, Page no: 14	Bidders who have been exempted from submission of tender sample through specific communication from AGCL, need not submit any sample. However, they will be required to enclose a photocopy of the exemption letter along with their bid failing which their offers will be liable to be rejected.	What is the significance of clause 6.6.3 in the context of tender submissions? Specifically, how does the exemption from tender sample submission, as communicated by AGCL, impact bidders? Additionally, what are the consequences for bidders who fail to include a photocopy of the exemption letter with their bid according to this clause?	Refer Clause 6.6 SAMPLES (when specifically called for in the Tender), it is not applicable for this Tender.
32	ANNEXURE- A, Instruction to Bidders & General condition of Contract (GCC), Section 11.1, Page no: 18	The bid along with all annexures and copies of documents should be submitted in e-form only through AGCL's e-bidding engine. The price bids submitted in physical form against e-procurement tenders shall not be given any cognizance. 1. Any other document required to be submitted in original as per tender requirement. 2. If Sample is called for in the Tender 3. Printed catalogue and Literature if called for in the NIT.	Could you please provide further details on the process and requirements related to the submission of these exceptions? Additionally, are there specific guidelines for the submission of original documents, samples, and printed materials in cases where they are deemed necessary as per tender requirements?	1. All documents related to Technical qualifications and technical data should be submitted in the technical bid. 2. Samples not applicable in this Tender 3. Printed catalogue and Literature can be submitted with the Technical bid.
33	ANNEXURE- A, Instruction to Bidders & General condition of Contract (GCC), Section 20.8, Page no: 20	Above dimensional restrictions must not be violated without prior approval from the Purchaser.	Could you please provide further details on the process and criteria for obtaining such approval? Understanding the purpose behind these restrictions would help bidders comprehend the considerations that have led to such specifications.	This is a General Condition of the Tender. The purpose of this specification is to ensure safe transportation of the equipment.
34	ANNEXURE- A, Instruction to Bidders & General condition of Contract (GCC), Section 37.7, Page no: 25	Considering the nature of the item, if the product offered by the lowest acceptable bidder is not field proven in AGCL, purchaser at its discretion may place a trial order to the extent of 25% (maximum) only and balance quantity will be procured from other competitive bidders whose product has been field proven in AGCL.	Could you provide further details on the criteria and process for determining whether a product is field-proven in AGCL? Additionally, what considerations guide the decision to place a trial order, and how does this contribute to ensuring the reliability and performance of the procured items?	Fulfillment of Bidder Qualification Criteria will be considered in this Tender.

35	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-22, Page no: 43	Battery charger: Battery charger arrangement to charge 12V, 7 AHR lead acid rechargeable battery /dry maintenance free battery. Battery not in scope of manufacturer. AGCL will arrange it.	In contradiction between SN- 22, which outlines the requirement for a battery charger arrangement to charge a specified type of battery, explicitly stating that the battery is not in the scope of the manufacturer and will be arranged by AGCL, and SN- 26, which states 'Battery No Battery Operation.' This raises a question about the necessity of a battery charger if there is no battery operation, as indicated in SN- 26. Could you please provide clarification on the intended approach regarding the use of a battery and its charging requirements in the context of these two points?	Battery Charger arrangement is not required, however 15 minutes inbuilt power back up for display unit, through other appropriate means shall be provided by bidder/ vendor.
36	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-26, Page no: 43	Battery No Battery Operation.	In contradiction between SN- 22, which outlines the requirement for a battery charger arrangement to charge a specified type of battery, explicitly stating that the battery is not in the scope of the manufacturer and will be arranged by AGCL, and SN- 26, which states 'Battery No Battery Operation.' This raises a question about the necessity of a battery charger if there is no battery operation, as indicated in SN- 26. Could you please provide clarification on the intended approach regarding the use of a battery and its charging requirements in the context of these two points?	Tender condition Prevails
37	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-51, Page no: 51	OTP for Price Change: No OTP requirement for price change. However, to prevent fraudulent practices, it DU to have a ready mechanism by the DU to send a sms to the OEM server whenever price is changed	Could you provide insights into how the dispenser, operating on a SIM-based service, is intended to establish a connection for sending SMS to the OEM server? Are there specific considerations or guidelines to ensure the secure and effective implementation of this communication mechanism, especially considering the dispenser's reliance on SIM-based services?	DUs should have provision for sending details of price change to OEM server, whenever price is changed with details as mentioned in the specification clause, when DU is made online on automation. Vendors to design and provide solution accordingly.

38	ANNEXURE- C, Eligibility Criteria,1.0 Technical Criteria, Section-b, Page no: 72	The bidder should have successfully supplied at least 100 nos each of MS/HSD (DUO) dispenser units during continuous 12 months period in the last 5 (five) years ending on last day of the month previous to the one in which tender is invited, aggregating various orders. The supplies shall be carried out against the orders placed by Central Govt./State Govt./Public Sector Undertaking/State Govt. Enterprise/ large & reputed Private Sector company in India engaged in MS/HSD business	Start-ups, by their nature, may not have a substantial history of supplying such quantities over a 12-month period. Could you provide clarification on how start-ups are expected to meet this criterion, and are there any allowances or alternative criteria for evaluating the eligibility of start-up bidders in the context of this tender?	Check the Corrigendum for Revised BQC
39	ANNEXURE-A, Instruction to Bidders & General condition of Contract (GCC), 8.0 Bid Security, Page no: 15	Bid Security: Bidders shall submit EMD/Bid Security for the amount as indicated in Forwarding Letter in favour of Assam Gas Company Ltd. Payable at Duliajan, Assam, India, Pin-786 602. a) Vide Govt. of Assam notification No.FEB.269/2017/27 Dtd. Dispur the 21st August 2019, EMD should be paid through online by logging into Govt. of Assam e-tendering website www.assamtenders.gov.in either online payment or NEFT/RTGS.	Since the EMD amount is higher , we would request to allow BG against the EMD. This practice is followed by other PSUs like IOCL , HPCL , BPCL. Kindly confirm for us to initiate the BG against EMD for the value specified.	Tender condition Prevails
40	ANNEXURE-A, Instruction to Bidders & General condition of Contract (GCC), 38.0, Purchase Preference, Page no: 25	Purchase Preference: AGCL reserves the right to allow purchase preference facilities as admissible under the existing policy. However, the provisions are subject to change as per Govt. Guidelines and the provisions ruling at the time of bid (price bid in case of two bid/stage system) opening will be applicable. Bidders are requested to take a note of the latest guidelines of the Govt. in this regard on their own and quote accordingly. Vide Memo No MI.64/2020/57-A dtd. Dispur 29/01/2022	Please let us know if we need to submit Class 1 / Class 2 Declarations of Local Content %age , signed by Cost accountants under the Purchase Preference policy and will the Class 1 get preference over Class 2 post tender opening as per the Govt of India Guidelines under PPLC.	Please refer Govt. of Assam, Memo No MI.64/2020/57-A dtd. Dispur 29/01/2022
41	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 5, Delivery Schedule & Region Wise Distribution, Page no. 58	DELIVERY SCHEDULE AND REGION-WISE DISTRIBUTION: Based on the actual requirements, call-offs (POs) will be issued by Company from time to time on the vendor for supply of DU. The delivery period for the supply of DU's against the POs shall be 30 days from the date of PO. The period of 30 days shall be calculated from the date of receipt of PO. Vendor shall deliver the Dispensers to the various AGCL locations i.e., designated RETAIL OUTLETS OR at AGCL Duliajan stores. Minimum lot size per PO shall be 12 in numbers. AGCL will, in a best endeavour basis, try to club orders into clusters. AGCL will not keep any inventory in the warehouse. Accordingly, vendors shall quote the freight charges in the price bids. The unloading of Dispenser units at delivery locations shall be in Bidder's scope. All the above Dispenser Units are required to be delivered on Door Delivery Freight paid basis at the AGCL locations i.e. ROs as per the Delivery Schedule clause above.	Unloading of the Dispenser will involve Local Labour /Fork Lifts which is difficult for any OEM to arrange especially in the North Eastern states. We would therefore request you to remove this from Bidder Scope.	The Clause 5, of Scope of Work (SOW) &Special condition of Contract(SCC) is modified as below- DELIVERY SCHEDULE AND REGION-WISE DISTRIBUTION: Based on the actual requirements, call-offs (POs) will be issued by Company from time to time on the vendor for supply of DU. The delivery period for the supply of DU's against the POs shall be 6 weeks from the date of PO. The period of 6 weeks shall be calculated from the date of receipt of PO. Vendor shall deliver the Dispensers at AGCL Duliajan stores. Minimum lot size per PO shall be 20 in numbers. AGCL will, in a best endeavour basis, try to club orders into clusters. Accordingly, vendors shall quote the freight charges in the price bids. The unloading of Dispenser units at delivery location shall be in Bidder's scope.
42	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 5, Delivery Schedule & Region Wise Distribution, Page no. 58	DELIVERY SCHEDULE AND REGION-WISE DISTRIBUTION: Based on the actual requirements, call-offs (POs) will be issued by Company from time to time on the vendor for supply of DU. The delivery period for the supply of DU's against the POs shall be 30 days from the date of PO. The period of 30 days shall be calculated from the date of receipt of PO. Vendor shall deliver the Dispensers to the various AGCL locations i.e., designated RETAIL OUTLETS OR at AGCL Duliajan stores. Minimum lot size per PO shall be 12 in numbers. AGCL will, in a best endeavour basis, try to club orders into clusters. AGCL will not keep any inventory in the warehouse. Accordingly, vendors shall quote the freight charges in the price bids. The unloading of Dispenser units at delivery locations shall be in Bidder's scope. All the above Dispenser Units are required to be delivered on Door Delivery Freight paid basis at the AGCL locations i.e. ROs as per the Delivery Schedule clause above.	Logistics from South of India to any state in North East requires minimum 25 to 30 days as travelling time. Hence it is not possible to deliver the Dispensers within 30 days from the date of Receipt of PO. We request you to accept the delivery Period as 50 days from date of PO instead of 30 days	Already covered in SL NO 41.

43	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 4, Page no. 58	The quoted rates should be firm for the entire contractual period and no escalation will be entertained on any Ground at any stage.	Market today is dynamic. The cost of certain critical items like Electronic Chips , Capacitors , Metals are changing abruptly from Quarter to Quarter. Hence it is difficult to predict the Prices on long term basis especially when the contract is more than a year. Inview of the same we request AGCL to accept the Escalation Clause.	Tender Condition Prevails
44	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 7, Page no. 59	<p>POST WARRANTY COMPREHENSIVE ANNUAL MAINTENANCE CHARGES (CAMC): Comprehensive Annual Maintenance Charges (CAMC) for Post Warranty period should be in % of Basic Price including P&F Charges and TPIA charges.</p> <p>AGCL would like to enter into AMC contract for a period of total FOUR Years subsequent to expiry of Warranty period of 24 months. The % shall be quoted for the first 4-years period. CAMC rates should have a minimum threshold limit as under:</p> <p>FOR THE FIRST 4 YEARS: Yearly comprehensive CAMC cost of all nozzles put together will be minimum 10% of quoted Basic price. Vendor is free to quote 10% or any higher rate. Any vendor quoting CAMC charges below the above- mentioned threshold limit will be disqualified.</p>	CAMC involves visiting the site for Preventive Maintenance as well as attending Breakdown Visits. The report for the same is signed by the Dealer of the Retail Outlet and then the same is submitted to AGCL along with the invoice. Hence there is No involvement of TPIA and hence TPIA charges needs to be removed from CAMC clause. Kindly confirm your acceptance for the same	The Clause 7, of Scope of Work (SOW) &Special condition of Contract(SCC) is modified as below- POST WARRANTY COMPREHENSIVE ANNUAL MAINTENANCE CHARGES (CAMC): Comprehensive Annual Maintenance Charges (CAMC) for Post Warranty period should be in % of Basic Price. AGCL would like to enter into AMC contract for a period of total FOUR Years subsequent to expiry of Warranty period of 24 months. The % shall be quoted for the first 4-years period. CAMC rates should have a minimum threshold limit as under: FOR THE FIRST 4 YEARS: Yearly comprehensive CAMC cost of all nozzles put together will be minimum 10% of quoted Basic price. Vendor is free to quote 10% or any higher rate. Any vendor quoting CAMC charges below the above- mentioned threshold limit will be disqualified.
45	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 12, Page no. 59	Stage-wise inspection will be carried out by TPIA as per approved scope of inspection for 100% of order quantities.	Stage Wise Inspection of 100% of Order quantities is not possible. Hence request AGCL to accept TPIA at Final Inspection Stage with Sample Size as 1 in 12. This practice is followed by other OMCs in India.	The Clause 12, of Scope of Work (SOW) &Special condition of Contract(SCC) is modified as below- 1 Dispenser per lot of 10 per type will be carried out by TPIA as per approved scope of inspection.
46	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 17, Sub-Clause 2, Page no. 61	The warranty of the equipment shall include the supervision of commissioning activities, preventive and breakdown maintenance, servicing of the equipment on-site at various locations across the Assam/North East India and would include maintenance and servicing of all mechanical, electrical, electronic components, sub-assemblies and replacement of faulty parts etc. During warranty period, all materials / spares parts etc. including labor required for the maintenance of the equipment shall be carried out by the vendor at their cost. The Warranty shall cover compulsorily replacement of DU hanging hardware which includes nozzles, hoses & breakaway coupling as and when needed or as advised by AGCL Officers.	Hanging Hardware Involves Nozzles , Reconnectable Breakaways , Swivels etc which can many a times be repaired at the site or can be set right by changing replacing old spares with new ones. We would therefore be able to Repair/Replace the Hanging Hardware at site depending on the nature of complaint. Decision to Repair/Replace is taken by our engineers depending on the condition of the Item. Inview of the same the decision to repair or replace the particular hanging hardware item on the Dispenser will be decided by our engineer only.	The Clause 17, Sub-Clause 2, of Scope of Work (SOW) &Special condition of Contract(SCC) is modified as below- The warranty of the equipment shall include the supervision of commissioning activities, preventive and breakdown maintenance, servicing of the equipment on-site at various locations across the Assam/North East India and would include maintenance and servicing of all mechanical, electrical, electronic components, sub-assemblies and replacement of faulty parts etc. During warranty period, all materials / spares parts etc. including labor required for the maintenance of the equipment shall be carried out by the vendor at their cost. The Warranty shall cover compulsorily replacement of DU hanging hardware which includes nozzles, hoses & breakaway coupling as and when needed or as decided by vendor's engineer with concurrence of AGCL Territory Manager.

47	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 17, Sub-Clause 3, Page no. 61	Vendor has to extend necessary supervisory assistance during commissioning and during stamping by Legal Metrology at no extra cost.	We understand by Supervisory Assistance during stamping means to provide Technical Support at the time of stamping at site. Kindly confirm if the understanding is correct.	Bidder's understanding is correct.
48	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 19.1.1.8, Page no. 67	AGCL further at its discretion during the currency of entire contract (Warranty+ CAMC) period may get the DU tested at any expert lab as decided by AGCL. Any deviations observed shall be dealt in accordance with the contract condition; besides vendor shall be under obligation for implementing the corrective solution for all such applicable DUs at no extra cost & consequences to AGCL. For all such failures the entire testing costs shall be borne by Vendor.	If AGCL feels they should get the DU tested at expert Lab before the start of the dispatches to avoid any confusion at later stage during the currency of contract. Request AGCL to agree on the same.	Bidder's understanding is correct.
49	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 25, Para 1 & Para 2 Page no. 70	<p>PENALTY: Penalty against detection of tampering: Within Warranty Period: In the event of any kind of tampering (Hardware/Software/ External Chips/Change in circuitry system) happening in the intelligent electronic cards within warranty period, which can be attributed to the negligence of DU/MPD vendor by not providing tamper proof intelligent cards or should have been prevented by DU/MPD vendor, a penalty of 10% on the total value of Dispensing units Tender Contract (excluding CAMC value) will be levied. Vendor has to develop counter mechanism and upgrade it in all the DU/MPDs that were supplied with similar configuration / similar platform against this tender within six months of notice. Total Value of Dispensing Units shall mean the landed cost at supply point including all taxes and duties but excluding CAMC value for all the DUs for which PO is placed. Beyond Warranty Period and within CAMC period: In case the tampering (Hardware / Software/ External Chips/ Change in circuitry system) happens beyond warranty period, a penalty of 10% on the CAMC PO value (including all taxes) applicable during that financial year of incidence and for that model of dispensing units supplied against the concerned tender will be debited to the vendor. Vendor should ensure that all the tamper prone cards are replaced with cards having counter mechanism at all the DU/MPDs in a systematic manner within 6 months of notice from AGCL at no extra cost. The clause is also applicable in an instance where tampering re-occurs even after upgradation. This condition applies throughout the CAMC period. Bidder will not be responsible for fraud arising out of mechanical damage or physical changes made to the DU other than in electronic cards or by passing of the ERA for tampering. The term tampering of intelligent cards will be applicable where in there are (1) Unauthorized software modifications in DUs (2) Inserting foreign devices which are not part of standard equipment with an ill intended purpose to alter the accuracy of deliveries/ camouflaging event logs (3) Dispenser not meeting the functionalities mentioned in the tender etc. The term also applies in case DUs/MPDs does not detect or throw evidence of tampering in intelligent electronic cards and continues to function without providing an event log or an error. Vendors have the option to upgrade dispensers once in three years (or even earlier) for strengthening it against tampering with no additional outgo to AGCL. However, such upgradation should be done with prior written communication to AGCL giving reason and justification for such upgrade.</p>	This clause is not acceptable to the Bidder/OEM. The Dispensers shall be provided as per specification. In the event if there is tampering, Vendor shall not be held accountable since the Vendor has No control of the Dispensers sold and are only responsible for maintenance of the Dispensers. Further, the penalty clause and rectification is not acceptable. We will supply Dispensers in line with agreed specification. OEM cannot be held responsible for any kind of tampering by miscreants post sale of dispenser. Further, any upgrade required for any corrective measure (beyond agreed specifications) will be on chargeable basis (on AGCL's account)	Tender Condition Prevails. However to clarify, the bidder are responsible to the extent of compliance of the specifications, as required in the tender document and as per the governing rules. This clause shall imply that, if tempering is done due to lack of compliance of specifications by the bidder/ vendor, they may be penalised as per the existing clause.

50	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 25, Para 4, Page no. 71	<p>PENALTY, Breakdown Maintenance Visits - During Warranty / CAMC Periods For any Dual DU irrespective of number of nozzles, the penalty (which is @ Rs 1000/- per nozzle per day) will be restricted to an amount of Rs 40000/- for the complete Dual DU, being non-operational for a period upto 120 days. However, beyond the period of 120 days the applicable penalty will be limited to the basic price of the Dual DU.</p> <p>The absence of authorized representative for Supervision of commissioning shall also attract penalty. The intimation regarding proposed date of commissioning of the DU to the authorized service provider shall be given by respective Divisional office two (02) weeks in advance. The penal realization shall be @ Rs.500 per nozzle per day. Applicable taxes on all penalty amounts shall be to vendors' account.</p>	<p>In the past with other OMCs we have found that our engineer has reached the site but had to go back after spending entire day at the RO due to dependancy on external factors like non availability of LM Inspectors for Stamping , Non Availability of OMC Contractors etc. Incase of AGCL if we come across such cases during the currency of contract the same will visit will be charged to AGCL @ INR 5000 per site per Manday.</p>	<p>The Clause 25, Para 3 PENALTY, Scope of Work (SOW) &Special condition of Contract(SCC) is modified as below- PENALTY, Breakdown Maintenance Visits - During Warranty / CAMC Periods For any Dual DU irrespective of number of nozzles, the penalty (which is @ Rs 1000/- per nozzle per day) will be restricted to an amount of Rs 40000/- for the complete Dual DU, being non-operational for a period upto 120 days. However, beyond the period of 120 days the applicable penalty will be limited to the basic price of the Dual DU.</p> <p>The absence of authorized representative for Supervision of commissioning shall also attract penalty. The intimation regarding proposed date of commissioning of the DU to the authorized service provider shall be given by respective Divisional office two (02) weeks in advance. The penal realization shall be @ Rs.100 per nozzle per day. Applicable taxes on all penalty amounts shall be to vendors' account.</p>
51	Appendix A2, Price Schedule Performa, Page no: 27	Price Schedule Proforma	<p>Our understanding after going thru the table is as follows :</p> <p>a. The table needs to be filled and attached into Technical Bid.</p> <p>b. In columns mentioned with Basic Rate , Inland Transportation Charges Handling and uNloading Charges & Supervision for Installation and Commissioning - Bidder need to mention word as "QUOTED"</p> <p>c. Actual Applicable %age in figures to be entered for GST% on Applicable GST on Basic Price , GST% on Inland Transportation and Other charges , CAMC % age for first 4 years period and GST %age on CAMC , Applciable GST %age on Supervision for Installation and commissioning.</p> <p>Please confirm if our understanding is correct</p>	Bidder's understanding is correct.
52	BOQ/ Price Bid	BOQ	Our understanding is that we need to enter the INR Values and GST Amount per Unit for all the Line Items - Kindly confirm if our understanding is correct.	Bidder has to enter the basic rate per unit in the provided column in the BOQ, however, GST amount shall be entered on the total price i.e. (Basic Rate* No. of Units* GST%)

53	Scope of Work (SOW) & Special condition of Contract (SCC), Clause no. 25, Para 3, Page no. 70	Penalties against Maintenance Visits, Preventive Maintenance Visits – During Warranty / CAMC Periods. Penalty will be charged for not visiting the Retail outlet for preventive maintenance during the warranty /CAMC period. Penalty will be @ Rs 500/- per nozzle per day and will be restricted to an amount of Rs 5000/- per RO for lapse of each preventive visit. Applicable taxes on all penalty amounts shall be to vendors' account.	There are already penalty charged for breakdown of complaints, Preventive maintenance is carried out for maintaining healthy condition of dispenser. If there is laps then breakdown to complete within timeline which in vendor scope, for this delay already penalty clause applicable as per clause no. 25 page 71. hence request not to consider for preventive visit penalty charges.	Tender Condition Prevails
54	ANNEXURE-A, Instruction to Bidders & General condition of Contract (GCC), clause no A.25, Page no. 8	Working day: Means any day which is not declared to be holiday by the purchaser.	Working Day should be as per the official holiday calendar of the Govt. and not the purchaser.	Bidder's Understanding is Correct
55	ANNEXURE-A, Instruction to Bidders & General condition of Contract (GCC), Section 6, Sub-Section 6.2, Page no. 11	AGCL will place order on FOR (destination) terms. Offered rate should be kept firm through delivery/dispatch.	In case the transportation prices are increased due to any event not attributable to the Vendor, the same should be considered and discussed mutually between the parties.	Tender Condition Prevails
56	ANNEXURE-A, Instruction to Bidders & General condition of Contract (GCC), Section 6, Sub-Section 6.4, Page no. 13	STATUTORY VARIATION: Any statutory variation (increase/decrease) in the rate of GST/Custom Duty or any statutory levy after the closing date of tenders/revised priced bid, as the case may be, but within the contractual delivery/completion period will be to the account of AGCL subject to documentary evidence. However, any increase in GST/Custom Duty or any statutory levy after the expiry of the scheduled date of delivery shall be to the supplier's account.	In case the delivery dates are extended for reasons attributable to the Purchaser then such increase should be to the purchaser's account.	Bidder's Understanding is Correct
57	ANNEXURE-A, Instruction to Bidders & General condition of Contract (GCC), Section 33, Sub-Section 33.6, Page no. 23	Termination due to change of ownership and Assignment: In case the CONTRACTOR's rights and/or obligations under this Contract and/or the CONTRACTOR's rights, title and interest to the equipment/ material, are transferred or assigned without the COMPANY's written consent, the COMPANY may at its option, terminate this Contract. COMPANY shall not be however under any obligation to accord consent to the CONTRACTOR for change of ownership & assignment of the contract.	Assignment should not give rise to termination of the Contract. The contract shall still be the same. As such requesting to remove the Provision for a written consent. We shall inform in case of merger.	Tender Condition Prevails
58	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-18, 2nd Section, Page no: 42	OTP Feature: AGCL envisages dual OTP feature with 2 separate organizations (e.g. 8 digits OTP, with the first 4 digits sent to OEM Engineer and the next 4 digits sent to AGCL.	The OTP is with the OEM. Making that also available for AGCL would require extra set up which would be on cost basis.	The Clause 18, 2nd Section, of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: OTP Feature: Dual OTP feature with 2 separate organizations (e.g. 8 digits OTP, with the first 4 digits sent to OEM Engineer and the next 4 digits sent to AGCL OR OTP shall be sent to OEM.
59	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-62, Page no: 54	Spares & Service: <u>Availability of spares</u> . Vendor shall be in a position to supply or provide spares on need basis after completion of warranty/CAMC. The spare support shall be available for minimum 10 years from supply of last dispenser under this order	Spares availability post CAMC will be on a best endeavour basis and chargeable.	Tender Condition Prevails

60	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 15, Page no. 59	Payment to vendors shall be made on successful delivery of material within 30th day after the receipt of all bills/ invoices. Vendors shall have to submit the PBG equal to 10% of total basic contract value within 15 days of receipt of contract.	In case payments are not made within time will the contractor be allowed to claim later payment interest. This is the same way as LD's for late delivery.	Tender Condition Prevails
61	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 18.2, Page no. 59	18.2 Tampering with Software/Hardware /Intelligence Card/Circuitry system/Communication system: In the event of any kind of tampering Hardware or Software or External Chips or Change in circuitry system or manipulation in internal communication system happening in the intelligent electronic cards/parts within warranty period which attributes to change in volume or manipulations of price or volume reading on display, shall be attributed to the negligence of DU supplier/ vendor and should have been prevented by DU supplier/ vendor , a penalty of 10% on the total value of Dispensing units supplied till that time against this tender will be levied. Vendor has to develop counter mechanism and upgrade it in all the DUs (without any extra cost) that were supplied with similar configuration / similar platform against this tender within six months of notice from AGCL. In case the tampering (Hardware/Software/External Chips/Change in circuitry system/ Communication system) happens beyond warranty period which attributes to change in volume or manipulations of price or volume reading on display , a penalty of 10% on the CAMC PO value applicable during that financial year of incidence and for that model of dispensing units will be debited to the vendor .Vendor should ensure that all the tamper prone cards are replaced with cards having counter mechanism at all the DUs in a systematic manner within 6 months of notice from AGCL at no extra cost. This condition applies throughout the CAMC period. Bidder will not be responsible for fraud arising out of mechanical damage or physical changes made to the DU other than in electronic cards or by passing of the ERA for tampering. The term tampering of intelligent cards will be applicable where in there are 1) Un authorized software modifications in DUs 2) Inserting foreign devices which are not part of standard equipment with an ill intended purpose to alter the accuracy of deliveries/ camouflaging event logs 3) Dispenser not meeting the functionalities mentioned in the tender etc . The term also applies in case DUs do not detect or throw evidence of tampering in intelligent electronic cards which attributes to change in volume or Page 63 of 88 manipulations of price or volume reading on display and continues to function without providing an event log or an error. In case the tampering re occurs on the same technical area of a dispensing unit in a similar fashion even after up gradation during CAMC period, a penalty of 10% on the CAMC PO value applicable during that financial year of incidence and for that model of dispensing units will be debited to the vendor. Vendors have the option to upgrade dispensers once in three years for strengthening it against tampering with no additional outgo to AGCL. Definition of Intelligent Cards: Pulsar Card, Control Card/CPU/ERA, Display Cards, E Cal card, Key Pad Card, Printer or any other cards with in the dispensing unit which sends and receives data. All the pulser card communication to ERA shall be in secured and standard 256 Bit encryption with AES Type Duly Certified by CDAC or from any other Govt Approved Laboratory only. Internal circuitry system should have self-designed system to check integrity of eco system within interval of 30 minutes (Preferably when dispensing is not happening) and stop functioning of DUs if any addition/alteration in standard E Card, IC, Chip or circuitry system or	Any tamper in the DU should not be attributable to the Vendor. The DU is under the control of AGCL dealer and any tamper will benefit only the dealer and not the OEM. As such the penalty in case of tamper on the Vendor is not justified in law or equity.	Tender condition Prevails
62	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 18.3.8, Page no. 64	Stamping of DUs: The vendor shall render all assistance in getting the units stamped. However, stamping fee/other statutory charges, any incidental expenses shall be outside the purview of CAMC. One authorized representative of the vendor shall necessarily be present at the time calibration and stamping of DU through W&M Deptt. The vendor shall ensure and certify that all components in the DU including Pulsar module and its sub-components are in order and no external fittings are present.	We have a dedicated team to check for tampers. The FSE who will support the stamping on the ground does not have the tools to confirm if there is a tamper. As such any certification for no external fitting can only be confirmed post the stamping.	Tender condition Prevails
63	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 18.3.13, Page no. 64	The format should be printed by the vendor in triplicate in the form of a serial number booklet. The necessary certificate for completion of work for preventive and breakdown maintenance has also to be obtained and submitted to the Field Officer along with the bill.	We have an online system for generating reports. There are no hard copies for the same. This is also followed by other OMCs as well. Hence request AGCL to accept the same.	The Clause 18.3.13, Scope of Work (SOW) &Special condition of Contract(SCC) is modified as below- The format should be printed/ soft copies e-mail by the vendor in the form of a serial number booklet. The necessary certificate for completion of work for preventive and breakdown maintenance has also to be obtained and submitted to the Field Officer along with the bill.
64	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 18.3.17, Page no. 64	In case of damage due to voltage fluctuation, the vendor on first instance shall undertake the repairs and advise AGCL for remedial action. Any subsequent damage due to above shall be on AGCL account in case AGCL does not take the remedial action.	Voltage fluctuation is on account of dealer not putting up the required standards in DG set or other requirements. The damage is not attributable to the Vendor as such the same shall be on a chargeable basis.	Tender condition Prevails

65	Scope of Work (SOW) & Special condition of Contract(SCC), Clause no. 18.3.27, Page no. 66	Vendor to undertake that due to usage / malfunctioning of such Dispensing Unit, if any litigation / prosecution is initiated against Purchaser or its Dealer; or Assam Gas including its Chairman, Directors, Employees, Officers etc. or its Dealer incurs any loss, damages, expenses, cost, charges etc., Supplier at all times shall indemnify and keep Assam Gas Company Ltd indemnified therefore at all times whatsoever.	We have no contract with the dealer as such indemnifying the dealer will not be possible. Kindly remove delaeer from this clause.	Tender condition Prevails
66	Scope of Work (SOW) & Special condition of Contract(SCC), Clause no. 18.3.28, Page no. 66	Vendor undertake that due to detection of any unauthorized or additional devices / tampering in the electronic circuit in the Dispensing Unit, if any litigation / prosecution is initiated against Purchaser or its Dealer; or Assam Gas Company Ltd including its Chairman, Directors, Employees, Officers etc. or its Dealer incurs any loss, damages, expenses, cost, charges etc., Vendor at all times shall indemnify and keep Assam Gas Company Ltd indemnified therefore at all times whatsoever. In case any additional or unauthorized devices / unauthorized tampering in the electronic circuit is detected, complete details should be given and AGCL Sales officer to be informed immediately. Failing to comply with the above, the AMC vendor will be held responsible for the same.	We will not be able to indemnify the dealer since it is the dealer who benefits from Tamper. The indemnity shall be limited to AGCL. Dealer indemnity will not be possible. Also kindly clarify the timelines for informing. Immediately is vague.	Tender condition Prevails
67	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-3, Page no: 33	Type: Standard & Heavy Duty Island/Lane oriented pumps capable of handling two different products (MS & HSD) with Electronic Register Assembly, with Display for Quantity, Rate, Sale Amount, Density & Preset for quantity/value for both units. Density display shall be available long with inbuilt side mounted Thermal Printer one for each side.	Clarification needed on number of printers per DU	Tender condition Prevails (only two printers, one on each side)
68	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-9, Page no: 34	Filter Pre-Metering Unit: Pre- meter filter of 90 micron for diesel & 40 micron for petrol	GVR recommends to add "or better" for filter microns value	Filter pre-metering unit: Pre- meter filter of 70-80 micron for diesel & 30-40 micron for petrol.
69	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-10.13, Page no: 35	Flow Rate: Flow into piston meter — 15 to 75 liters/min as per Weight & measure calibration procedure.	Clarification needed	Tender Condition stands Deleted
70	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.4, Page no: 36	Quality: Hoses to be supplied with spiral protecting sleeve for protection of hoses rubbing against ground	GVR doesn't recommend spiral hose sleeve because of ATEX violation. As per ATEX requirement the hose sleeve should be EN IEC 60079-0:2018 certified. The current hose sleeve supplied by prominent manufacturers do not have this certification	Tender Condition stands Deleted
71	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.6, Page no: 36	COLOR: BLUE for DIESEL	Deviation seeked for providing black color hoses. If the color requirement is only for easy identification then nozzle color can be used for same as quality issues have been reported on such colored hoses and users have migrated to black hose	The Clause 11.6 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: COLOR: Black for DIESEL
72	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.6, Page no: 36	COLOR: GREEN for PETROL	Deviation seeked for providing black color hoses. If the color requirement is only for easy identification then nozzle color can be used for same as quality issues have been reported on such colored hoses and users have migrated to black hose	The Clause 11.6 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: COLOR: Black for PETROL

73	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-15, Page no: 39	Provisions for Tag Reader Fixing: Proper provisions for Tag Reader fixing to be made.2 Blanking plates to be provided on each side for Dual . Such plate to be of 150 mm x 150 mm dimensions, should be removable to enable mounting of tag/ card readers with in the same area also specified as Div. 11 safe area by CCOE/ approving agencies and at a minimum height of 1200 mm from the ground level. (RFID reader will be mounted out side, in the sides of the Dus. Number of readers will be equal to the number of nozzles)	Deviation seeked for providing dedicated space of 75 x 75 mm for mounting of tag readers as a part of standard practice across other OMCs	The Clause 15 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Provisions for Tag Reader fixing: 1. Proper provisions for Tag Reader fixing to be made. 2. Blanking plates to be provided on each side for Dual. Such plate to be of 150 mm x 150 mm OR 75mm x 75mm OR as per manufacturer's specification , should be removable to enable mounting of tag/ card readers with in the same area also specified as Div. 11 safe area by CCOE/ approving agencies and at a minimum height of 1200 mm from the ground level, (RFID reader will be mounted out side, in the sides of the DUs. Number of readers will be equal to the number of Active nozzles)
74	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-16, Page no: 40	Protection Against Interference: Vendor's internal QA procedure must consist of among others, carrying out the type tests specifically for the ERA Box of each model as per the following IEC procedures: The Testing norms to be as mentioned below (OIML - R117) Testing reports from ERTL/ SAMEER / IIT /CDAC or equivalent government approved NABL certified lab shall be provided for each model ERA of this Order (Type Test approval) NOTE: AGCL will Test any DU (both Hydraulics & ERA) and if found not meeting the parameters. The lot will be rejected and party will have to remove the same at their cost.	Cost of CDAC certification to be borne by AGCL while GVR will provide full technical support. GVR will not be responsible for the impact on the delivery timeline caused by CDAC cetification.	Tender condition Prevails, Certification may be obtained from any authorised laboratory as mentioned in the tender clause. Testing authority is not restricted to CDAC only.
75	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-19, Sub-clause 6, Page no: 43	Safety Feature & Security Feature: The electronic data communication between different peripherals including CPU, Pulsar, Keypad & Displays must be secured and encrypted using AES 256 bit encryption	GVR recommends communication between keypad membrane and card should also be encrypted	Tender Conditions Prevails, Keypad membrane is a part of Keypad.
76	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-22, Page no: 43	Battery charger: Battery charger arrangement to charge 12 V, 7 AHR lead acid rechargeable battery / dry maintenance free battery. Battery not in scope of manufacturer. AGCL will arrange it.	Clarification needed for battery charger	Battery Charger arrangement is not required, however 15 minutes inbuilt power back up for display unit, through other appropriate means shall be provided by bidder/ vendor.
77	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-35, Page no: 44	Printer: A provision to add printer should be provided to the pump for printing the customer receipt. DU should, by default enable local receipt printing. Option should be available on auto as well as manual mode. Printer shall be part of the DU, fixed and provided. number of printers shall be equal to the number of nozzles, or only 2, but in that case printer shall have the print seelction command to choose the nozzles. The software shall be updated to print the AGCL logo on the print, if advised.	Clarification needed on number of printers per DU	Tender condition Prevails (only two printers, one on each side)
78	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-39, Page no: 45	Interfaces: RS 485 & RS 232 connectivity to automation & Third party equipment system (Dispenser to have separate communication ports - minimum 5 nos. (3 nos. - RS 485 & RS 232 - 2 nos.) for printer and automation/ TP link up) DU to have Ethernet/wireless communication port for remote connections also. Encrypted communication to Automation System for future to be kept ready in terms of system capability.	Need clarification on need of 3 nos. - RS 485 & RS 232 - 2 nos. Deviation seeked for providing only two RS 485 (1 for printer and 1 for automation)	The Clause 39 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Interfaces: RS 485 connectivity to automation & Third party equipment system (Dispenser to have separate communication ports - minimum 2 nos. (RS 485) for automation/ TP link up DU to have Ethernet/wireless communication port for remote connections also. Encrypted communication to Automation System for future to be kept ready in terms of system capability.

79	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-41, Page no: 46	Printer Output should include the details: Name of the outlet Address & Tel no. Date/ Time Vehicle no. (Alpha numeric) Bill No for each transaction with reset button LST no./ CST no./ GST nos./ PAN No. etc. Product Rate — Rs. per litre Volume — Litres Amount — Rs. Thanks Come/Visit Again. Printer should be able to print additional information in the receipt for density, pump/ nozzle no. & attendant identification from automation system as and when required. Presently this information shall not be printed in case of non-automated RO. DU should have programmable facility to customize RO/ DU wise printing details out of above. Any item can be deleted/ added as per requirement. DUs should have programmable facility to print single or duplicate receipt for same transaction. Duplicate will have "Duplicate Copy" printed at TOP.	Clarification needed 1. on "Any item can be deleted/ added as per requirement.".Only the header and footer is configurable. Rest all items are static 2. on "DUs should have programmable facility to print single or duplicate receipt for same transaction. Duplicate will have "Duplicate Copy" printed at TOP.".For every new transaction, the first receipt would be marked as "Original" and all consecutive receipts for the same transaction would be marked as "DUPLICATE"	Bidder's Understanding is Correct
80	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-42.2, Page no: 46	EPDM Gaskets: This should be with better weather resistance & preferably glass grip should be provided for glass panel.	Clarification needed for glass grip. CDM is IP 54 compliant	Tender Condition Prevails The protection shall be IP 64 for the electronic part.
81	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-45.2, Page no: 48	Family Integrity and Secure Communication: All logic cards as stipulated i.e. boards with micro controller chips shall always have secured communication between them which shall be AES 256 bit encrypted or better. Family integrity to be ensured. Family integrity implied that if any logic card (including Pulser) is replaced with another card or there is any change in the firmware or software (same version or different), the dispensing should stop and commence only on authentication of the dispenser. Any event of break in family integrity must be captured with a date and time stamp and the log with the relevant error code to be generated and captured in the DU. Any event of break in family integrity must be captured with the date and time stamp along with totalizer reading and the log with the relevant error code or card details must be captured and stored in the History Log.	GVR recommends all intelligent cards including printer should be part of family integrity.	Tender condition Prevails Printer is a passive & optional output device of dispenser which acts only after transaction is completed. It doesn't play any role in manipulating the fuel outgo from dispenser. Hence the , printer is not necessarily required to be covered under family integrity and complicate the architecture.
82	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-45.3, sub clause 'c', Page no: 49	The Dispensing Unit should be able to retrofit Radio Frequency Identification (RFID) readers on the outer surface of the Dispensing Unit at a suitable height.	Deviation sought for providing dedicated space of 75 x 75 mm for mounting of tag readers as a part of standard practice across other OMCs	Already covered in SL NO 73.
83	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-46, Page no: 49	Dispenser Mode Selection-Manual/Auto/Fixed Auto Mode: Fixed Automation Mode through a fixed known three-digit Key number. Enabling this selection shall be possible only with a specific key entry (non changeable, but will avoid accidental choice of this Selection). Details enclosed for No Automation No fuelling concept The DU once in automation mode shall not revert to Manual mode in case of a power recycle. It should also be possible to reset/ change password through Automation system The DU once in automation mode shall not revert to Manual mode in case of: i. A power recycle & / or ii. A failure of Automation signal Note: However, in order to bring the DU in manual mode, in case of automation signals failure, password to be used by AGCL. In case of a transaction initiated by automation system and later automation system failed while transaction is in progress then DU should allow completion of the ongoing transaction initiated by automation system and then authorize AGCL to change to manual mode.	Clarification needed on "Fixed Automation Mode through a fixed known three-digit Key number. Enabling this selection shall be possible only with a specific key entry (non changeable, but will avoid accidental choice of this Selection)."	The Clause 46 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Dispenser Mode Selection-Manual/Auto/Fixed Auto Mode: Fixed Automation Mode through a fixed known key number as per manufacturer standard . Enabling this selection shall be possible only with a specific key entry (non changeable, but will avoid accidental choice of this Selection).

84	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-50, Page no: 51	Dual Locking arrangement for ERA: Dual Locking/ dual seal of ERA and Pulser unit through a unique Biometric/electronic Lock for top box & Hydraulics as locking arrangement with access logs and backup to be provided. Same to be also synchronized with KMS key management system. Same should also be communicable to FCC/ CMS through Automation for all such key operations.	Deviation sought for providing only secured lock for hydraulics. Clarification needed for KMS.	The Clause 50 of Technical Specifications for MS/HSD Dispenser, Annexure B is modified as below: Dual Locking arrangement for ERA: Provision for Dual Locking/ dual seal of ERA and Pulser unit through a unique Biometric/electronic Lock for top box & Hydraulics as locking arrangement with access logs and backup to be provided . Same should also be communicable to FCC/ CMS through Automation for all such key operations.
85	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-51, Page no: 51	OTP for Price Change: No OTP requirement for price change. However, to prevent fraudulent practices, it DU to have a ready mechanism by the DU to send a sms to the OEM server whenever price is changed with the following details: product, new price, date and time stamp and the totalizer value whenever DU is made online in future. Server Access to this info should also be given to AGCL or its authorized agents	Clarification needed as DU is a standalone device with no internet connectivity hence, it is not capable of sending any sms. However, the same requirement can be met through FCC	DU should have provision for sending detail of price change to OEM server, whenever price is changed with details as mentioned in the specification clause when DU is made online on automation, vendors to design and provide solutions accordingly.
86	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-59, Page no: 53	Electricals: Appropriate provision for Earthing shall be provided within the dispenser, with provision to connect to the site earth pit. All key elements like Pulser, Motor, ERA, body including every gasketed element like the ERA doors etc shall be specifically wired / linked to the main earthing point on the DU. The DU earthing scheme shall be submitted separately along with the QAP. Motor Power supply in-comer shall be through a 2 pole MCB of suitable rating (recommended minimum 10 A, 250 V). Relay (SSR) driven switching desired for Motor. In addition to the MCB, a RCCB of suitable capacity shall be provided within the DU at each power in-comer. In addition ELCB and earthing relay for ensuring protection against earthing fault & ensuring continuous earthing shall be provided. Note: MCB/ RCCB shall be mandatory for local safety on dispensers and enhance the life of electrical & electronic components. This also helps in increasing the uptime for dispenser operation.	Deviation sought for MCB to be installed in Control Panel at Sales Room. For E-Lock enabled Dispenser, in case of MCB and RCCB Tripping, it requires opening of the ERA Door through Manual Override ONLY.	Tender condition Prevails
87	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-60, Page no: 53	Emergency Stop Button: The activation of the emergency Stop Button must cut off the Power to the DU. The Button to be provided at a convenient location easily accessible from both sides in an emergency. Emergency Stop Button—The activation of the Emergency Stop Button will stop the fueling from the dispensing unit.	To adhere to global safety practices, GVR recommends that emergency switch should cut off power completely i.e. cut off both live and neutral simultaneously	Tender condition Prevails
88	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-71, Page no: 57	RFID Requirement: The DU Vendor should be capable of retrofit card readers (magnetic stripe swipes) in the pumps at a later stage. Necessary provision shall be made in the pumps to retrofit the card reader (i.e provision for appropriate size holes with plugs for fixing the RFID reader nozzle). The DU should be able to retrofit Radio Frequency Identification (RFID) readers on the outer surface of the pumps at a suitable height. The max. Size of the RFID 200 mm x 125mm x 75 mm) and it would draw single-phase current. (the mother board must have the provision for automation and all related ports including RFID readers, slave units, POS counter, HHT etc)	Deviation sought for providing dedicated space of 75 x 75 mm for mounting of tag readers as a part of standard practice across other OMCs	Tender Clause stands Deleted.