

**ASSAM GAS COMPANY LIMITED**  
(A Government of Assam Undertaking)  
P.O. Duliajan, Pin – 786602  
Dist-Dibrugarh, Assam

**CORRIGENDUM-2**

**Ref. No. - AGCL/RB/2023-24/MS\_HSD DU/145/24 dated 22.12.2023**

This Corrigendum-2 dated 22.12.2023 to Tender No. **AGCL/RB/2023-24/MS\_HSD DU/145/12 dated 30.11.2023** for Annual Rate Contract for Supply & Transportation of MS/ HSD Dispenser Units for AGCL Retail Outlets is issued to notify a few changes in BQC, Technical Specifications, Scope of Work & other clauses of the bid document arising out of discussion in pre-bid conference held online on 14.12.2023 and also to notify extension of the Bid Closing / Technical Bid Opening date as follows:

- i) Bid Closing Date & Time : 12<sup>th</sup> January 2024(14.30 Hrs, IST)
- ii) Technical Bid Opening Date & Time : 12<sup>th</sup> January 2024(15.00 Hrs, IST)

The changes in the bid documents are given as Annexure-I to this page. Bidders are requested to take note of the same while preparing and submitting their offer. All other terms and conditions of the bid document remain unchanged.

## ANNEXURE-I

### Modified Clauses based on Pre-Bid Conference on “Annual Rate Contract for Supply & Transportation of MS/ HSD Dispenser Units for AGCL Retail Outlets”

Sl.No	Tender Clause No.	Existing Clauses	Modified Clauses
<b>1</b>	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.	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.
<b>2</b>	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 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.
<b>3</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-12.2, Page no: 37	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 couplings at ends.	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 <b>Fixed Piping</b> , 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>4</p>	<p>Technical Specification for MS/HSD Dispenser, Annexure-B, SN-13.7, Page no: 38</p>	<p>Specifications &amp; 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</p>	<p>The Clause 13.7 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below:          Specifications &amp; 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 <b>UL 2586</b> approval OR</p>
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		be losing the colour/shine due to sun exposure.	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 losing the colour/shine due to sun exposure
5	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>	<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,<b>10% bio-diesel &amp; 5% methanol blending</b>. 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 <b>can be upto 20%, 10% bio-diesel &amp; 5% methanol</b> and accordingly bidders may design the components.</p>
6	Technical Specification for	Provisions for Tag Reader fixing: Proper provisions for Tag Reader fixing to be	The Clause 15 of Technical Specifications for MS/HSD Dispenser,

	MS/HSD Dispenser, Annexure-B, SN-15, Page no: 39	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 outside, in the sides of the Dus. Number of readers will be equal to the number of nozzles)	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 <b>150 mm x 150 mm OR 75mm x 75mm OR as per manufacturer's specification</b> , 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 outside, in the sides of the DUs. Number of readers will be equal to the number of Active nozzles)
7	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-28, Page no: 44	No. of Digits: 12 digits without decimal	The Clause 28 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: 12 digits including 2 decimal points.
8	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)	The Clause 44 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: Minimum Preset Amount is Rs. 30/-
9	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".	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 ( <b>maximum 16 digits</b> ) 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".
<b>10</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-43.4, 3rd Section, Page no: 47`	Make of Vinyl: 3M /Avery Denison	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 <b>or Equivalent</b>
<b>11</b>	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.	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.
<b>12</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-66, Page no: 55	Access Control to Hydraulic & Electric Panels/ sections: Should be independent of the DU Electronics	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.
<b>13</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-68, Page no: 55	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. Metering unit & complete system (DU)	The Clause 68 of Technical Specifications for MS/HSD Dispenser, Annexure-B stands deleted.

		shall be tested as per OIML STANDARD R-117 & OIML standard R-118.	
<b>14</b>	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 &amp; 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>	<p>The Clause 70 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below-</p> <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 <b>15 seconds for SD &amp; HD (maximum)</b>. 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. 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>
<b>15</b>	Scope of Work (SOW) & Special condition of Contract(SCC), Clause no. 5, Delivery Schedule & Region Wise Distribution, Page no. 58	<p>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.</p> <p>Vendor shall deliver the Dispensers to the various AGCL locations i.e., designated RETAIL OUTLETS OR at AGCL Duliajan</p>	<p>The Clause 5, of Scope of Work (SOW) &amp; Special condition of Contract(SCC) is modified as below-</p> <p>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</p>

		<p>stores. Minimum lot size per PO shall be 12 in numbers. AGCL will, in a best endeavor 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.</p> <p>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.</p>	<p>date of receipt of PO.</p> <p>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.</p>
<p><b>16</b></p>	<p>Scope of Work (SOW) &amp; Special condition of Contract(SCC), Clause no. 7, Page no. 59</p>	<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&amp;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.</p> <p>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>	<p>The Clause 7, of Scope of Work (SOW) &amp; Special condition of Contract(SCC) is modified as below-</p> <p>POST WARRANTY COMPREHENSIVE ANNUAL MAINTENANCE CHARGES (CAMC): Comprehensive Annual Maintenance Charges (CAMC) for Post Warranty period should be in % of Basic Price.</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.</p> <p>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>



17	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.	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.
18	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.	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 <b>as decided by vendor's engineer with concurrence of AGCL Territory Manager.</b>
19	Scope of Work (SOW) &Special condition of Contract(SCC), Clause no. 25, Para 4, Page no. 71	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	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

		<p>period up to 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>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>
20	<p>Technical Specification for MS/HSD Dispenser, Annexure-B, SN-18, 2nd Section, Page no: 42</p>	<p>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.</p>	<p>The Clause 18, 2nd Section, of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below:</p> <p>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 <b>OR OTP shall be sent to OEM.</b></p>
21	<p>Scope of Work (SOW) &amp; Special condition of Contract(SCC), Clause no. 18.3.13, Page no. 64</p>	<p>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.</p>	<p>The Clause 18.3.13, Scope of Work (SOW) &amp; Special condition of Contract(SCC) is modified as below- The format should be printed/ <b>soft copies e-mail</b> 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</p>

			and submitted to the Field Officer along with the bill.
22	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.	Tender Condition stands Deleted
23	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	Tender Condition stands Deleted
24	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.6, Page no: 36	COLOR: BLUE for DIESEL	The Clause 11.6 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: COLOR: <b>Black</b> for DIESEL
25	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-11.6, Page no: 36	COLOR: GREEN for PETROL	The Clause 11.6 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below: COLOR: <b>Black</b> for PETROL
26	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)	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 <b>150 mm x 150 mm OR 75mm x 75mm OR as per manufacturer's specification</b> , 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)
<b>27</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-39, Page no: 45	<p>Interfaces: RS 485 &amp; RS 232 connectivity to automation &amp; Third-party equipment system (Dispenser to have separate communication ports - minimum 5 nos. (3 nos. - RS 485 &amp; RS 232 - 2 nos.) for printer and automation/ TP link up)</p> <p>DU to have Ethernet/wireless communication port for remote connections also.</p> <p>Encrypted communication to Automation System for future to be kept ready in terms of system capability.</p>	<p>The Clause 39 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below:</p> <p>Interfaces: <b>RS 485</b> connectivity to automation &amp; Third-party equipment system (Dispenser to have separate communication ports - <b>minimum 2 nos. (RS 485) for automation/ TP link up</b></p> <p>DU to have Ethernet/wireless communication port for remote connections also.</p> <p>Encrypted communication to Automation System for future to be kept ready in terms of system capability.</p>
<b>28</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-46, Page no: 49	<p>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 fueling 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</p> <p>The DU once in automation mode shall not revert to Manual mode in case of:</p> <ul style="list-style-type: none"> <li>i. A power recycle &amp; / or</li> <li>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</li> </ul>	<p>The Clause 46 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below:</p> <p>Dispenser Mode Selection- Manual/Auto/Fixed Auto Mode: Fixed Automation Mode through a fixed known key number <b>as per manufacturer standard</b>. Enabling this selection shall be possible only with a specific key entry (non changeable, but will avoid accidental choice of this Selection).</p>

		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.	
<b>29</b>	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.	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.
<b>30</b>	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)	Tender Condition stands Deleted

<p><b>31</b></p>	<p>Scope of Work (SOW) &amp; Special condition of Contract(SCC), Clause no. 3, Page no. 58</p>	<p>PERIOD OF CONTRACT AND QUANTITY:  Estimated requirement of Duo's for two years period from the date of contract will be 120 nos of configuration DUO - 2Px2Hx4D DUTY - STD: STD — PRESSURE, 2Px2Hx4D DUTY - HEAVY: HEAVY — PRESSURE, 2Px2Hx4D DUTY - STD: HEAVY—PRESSURE.  Please note that quantity of the DUs is likely indication of our requirement. Actual consumption may vary depending upon the requirement of Retail Outlets and there will be no commitment on contractual quantity. Since requirements are estimates and not actual demand. Region-wise procurement might vary depending upon actual demand during the tender period. Award criteria will be on lowest quote landed price basis including post warranty CAMC.</p>	<p>The Clause 3, Scope of Work (SOW) &amp; Special condition of Contract(SCC) is modified as below-  PERIOD OF CONTRACT AND QUANTITY: Estimated requirement of Duo's for One year period from the date of contract will be 120 nos of configuration DUO - 2Px2Hx4D DUTY - STD: STD — PRESSURE, 2Px2Hx4D DUTY - HEAVY: HEAVY — PRESSURE, 2Px2Hx4D DUTY - STD: HEAVY—PRESSURE.  Please note that quantity of the DUs is likely indication of our requirement. Actual consumption may vary depending upon the requirement of Retail Outlets and there will be no commitment on contractual quantity. Since requirements are estimates and not actual demand. Region-wise procurement might vary depending upon actual demand during the tender period. Award criteria will be on lowest quote landed price basis including post warranty CAMC.</p>
<p><b>32</b></p>	<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>  <i>(Minimum technical requirement – Superior product acceptable provided certified by technical expert from reputed Government Engineering Institute)</i>  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</p>	<p>The Clause 12.1 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below:  Makes: Detailed Specifications— Break away Coupling: Technical Specification of 1”(25mm) Re-usable/Reconnectable Breakaway Couplings  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</p>

		<p>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.</p> <p>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</p> <p>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>sealing surface should be protected from impact during separation by a durable plastic sleeve or any other means to ensure no damage on separation. It should be site Reconnectable requiring minimum force of not more than 30 lbs.</p> <p>This breakaway coupling must be able to function and break with a short whip hose or by any other means. It must be able to break <b>preferably</b> in axial direction only.</p> <p>Body: Aluminum Sleeve: HDPE Seals: Viton Spring: Stainless Steel Poppet: Aluminum/ <b>Plastic Polymer</b> Design working pressure: 50 PSI. Should be site Reconnectable Approval: UL/ ATEX</p> <p><b>Specification of 3/4"(19mm) Re-usable/Reconnectable Breakaway Couplings</b></p> <p><b>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, under wet or dry hose condition and should have double poppet design having low pressure drop and coupling valves protected by plastic sleeves or by any other means to ensure damage on separation. It should be site Reconnectable requiring minimum force of not more than 30 lbs.</b></p> <p><b>This breakaway coupling must be able to function and break with a short</b></p>
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			<p><b>whip hose or by any other means. It must be able to break preferably in axial direction only.</b></p> <p><b>Body: die-cast Zinc/ Aluminum</b>  <b>Sleeve: HDPE</b>  <b>Seals: Viton</b>  <b>Spring: Stainless Steel</b>  <b>Poppet: Acetal Design</b>  <b>Design working pressure: 50 PSI.</b>  <b>Should be site reconnectable.</b>  <b>Approval: UL/ ATEX</b></p>
<b>33</b>	Annexure-C, Bid Evaluation Criteria(BEC)/Bid Rejection Criteria, 1.0 Technical Criteria, Documents Required, 2nd section, subsection "b" Page no: 72	<p>b) 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 &amp; reputed Private Sector company in India engaged in MS/HSD business.</p> <p>Documents Required:</p> <p>List of Invoices of any continuous 12 months period issued by the bidder in the last 7 years ending on last day of the month previous to the one in which tender is invited, totalling to at least 100 duo or 100 Nos OF MPD Pumps (Electronic). Information should be provided in the following format</p>	<p>Annexure-C, Bid Evaluation Criteria(BEC)/Bid Rejection Criteria, 1.0 Technical Criteria, Documents Required, 2nd section, subsection "b" is modified as below:</p> <p>b) The bidder should have successfully supplied at least <b>50</b> 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 &amp; reputed Private Sector company in India engaged in MS/HSD business.</p> <p>Documents Required:</p> <p>List of Invoices <b>along with completion certificate</b> of any continuous 12 months period issued by the bidder in the last <b>5</b> years ending on last day of the month previous to the one in which tender is invited, totaling to at least <b>50 Dispenser Units</b>(Electronic).</p>



			Information should be provided in the following format
<b>34</b>	Technical Specification for MS/HSD Dispenser, Annexure-B, SN-61.1, Page no: 53	Min. IP — 54 for Electronics enclosure. Dispenser design to comply EN13617-1. Certification from NABL accredited lab to be submitted.	The Clause 61.1 of Technical Specifications for MS/HSD Dispenser, Annexure-B is modified as below:  Min. <b>IP — 64</b> for Electronics enclosure. Dispenser design to comply EN13617-1. Certification from NABL accredited lab to be submitted

\*\*\*\*\* **End of Addendum to Bid Document** \*\*\*\*\*