

In addition existing ATC, the following amendment hereby issued in existing Technical Specification and subsequent clause:

Sr. No.	Existing	To be Read As
1	<p>Clause no.5 Payment Terms:100 % Payment of Supply, Installation, Testing and Commissioning cost will be released After Successful Supply, Installation, Testing, Commissioning, Training, submission of all Required documents, valid test certificates (from NABL accredited laboratories) of major Components of the Fire Hydrant system along with the OEM Warrantee certificates and Acceptance by ISP.</p>	<p>Clause no. 5 Payment Terms:100 % Payment of Supply, Installation, Testing and Commissioning cost will be released at per actual basis after Successful Supply, Installation, Testing, Commissioning, Training, submission of all Required documents, valid test certificates /OEM test certificates of major Components of the Fire Hydrant system along with the OEM Warrantee certificates and Acceptance by ISP. The price breakup of BOQ will be called only from the qualified bidder/Firm before awarding the contract.</p>
2	<p>Clause No. 1. B. 9.Any other works (Civil, Electrical etc.) not specifically mentioned in this document but required for the successful execution of the project shall be in the scope of contractor firm and no separate payment shall be made for those works.</p> <p>Clause no.1. B. 10. All equipment and accessories required for completeness of the system, whether specifically mentioned or not mentioned in Bill of Quantity (BOQ) but considered essential for successful completion of project and satisfactory performance of Fire Hydrant System, shall be provided by the contractor without any extra cost to ISP.</p>	<p>Clause No. 1. B. 9. Any other works (Civil, Electrical etc.) not specifically mentioned in this document but required for the successful execution of the project shall be in the scope of contractor firm and Payment will be made at per actual basis.</p> <p>Clause No.1. B. 10. All equipment and accessories required for completeness of the system, whether specifically mentioned or not mentioned in Bill of Quantity (BOQ) but considered essential for successful completion of project and satisfactory performance of Fire Hydrant System, shall be provided by the contractor and Payment will be made at per actual basis.</p>
3	<p>New Note:</p>	<p>Clause No. 1 B.10 Note : If any civil work quantity remains unused at the end of the project, particularly pedestal supports or any other components/materials then the supplier will take back the remaining material with them as per laid down procedure of ISP.</p>
4	<p>Clause No. 1. A.1: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design, 2850 LPM, 70 Mtr. Head, 2900 RPM, Suitable HP/KW High-energy efficiency IE4 Electrical Motor Driven Main Pump in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal completes with matched electrical drive, MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guard, set of foundation bolts including grouting, matching suction & delivery flanges/ gaskets BS Table D / fasteners, etc.</p> <p>Clause no. 1.A.2: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design Diesel Engine Driven Std. By Pump Set, 2850 LPM, 70 Mtr. Head, 1800</p>	<p>Clause No. 1. A.1: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design, 2850 LPM, 88 Meter Head, Suitable HP/KW, RPM &Energy efficiency minimum IE2 Electrical Motor Driven Main Pump in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal completes with matched electrical drive, MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guard, set of foundation bolts including grouting, matching suction & delivery flanges/ gaskets BS Table D / fasteners, etc.</p> <p>Clause No. 1.A.2: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design Diesel Engine Driven Stand By Pump Set, 2850 LPM, 88 Meter Head, suitable RPM, 125NB x 80NB</p>

	<p>RPM, 125NB x 80NB with a Once Through Heat Exchanger cooling in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal, Suitable HP,12V electric start, complete with MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts including grouting, engine with heat exchanger, starting battery with leads, safety releases of High-Water Temperature/ Over Speed Release /Low Oil Pressure, Domestic Silencer & Hot Insulated Exhaust Piping of required length & height as per CBIP with structural support, built in fuel sump, fuel supply & return piping, matching suction & delivery flanges BS 10 Table D, first filling of POL etc.</p> <p>Clause no. 1.A.5: Supplying, installing, testing & commissioning of high pressure multistage centrifugal pump, 180 LPM, 10.8 CuM/Hr., 70 Mtr. Head, 2900 RPM, 50NB x 25NB, 10 kW motor driven Jockey. Complete with base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts with grouting, drive, matching Suction & delivery flanges to BS 10 Table D with entire set. The electric motor should be high energy efficiency IE4.</p>	<p>with a Radiator cooling in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal, Suitable HP/KW,12V electric start, complete with MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts including grouting, starting battery with leads, safety releases of Over Speed Release /Low Oil Pressure, Domestic Silencer & Hot Insulated Exhaust Piping of required length & height as per CBIP with structural support, built in fuel sump, fuel supply & return piping, matching suction & delivery flanges BS 10 Table D, first filling of POL etc.</p> <p>Clause No. 1.A.5: Supplying, installing, testing & commissioning of high pressure multistage centrifugal pump, 180 LPM, 10.8 CuM/Hr., 88 Meter Head, Suitable RPM, 50NB x 25NB/Suitable size, 10 kW/HP or suitable motor driven Jockey Pump. Complete with base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts with grouting, drive, matching Suction & delivery flanges to BS 10 Table D with entire set. The energy efficiency of electric motor should be minimum IE2.</p>
5	<p>Clause No. 1.B.21: The materials /components and consumables used in the construction of Fire water storage tank, Pump House and other Civil related work shall be of ISI Marked and approved make only.</p>	<p>Clause No. 1.B.21:The materials /components and consumables used in the construction of Fire water storage tank, Pump House and other Civil related work shall be of good quality & ISI Marked, If come in the market with ISI Mark.</p>
6	<p>Clause No. 1.A.18: Supply, Installation, Testing & Commissioning of MS Fabricated Air vessel with all necessary accessories like safety valve, pressure gauge, drain valve and inlet/outlet nozzle with pipes. Air vessel fabricated from 6mm thick M.S Plate and installed vertically on suitable legs. Legs shall be provided with M.S. plate of size 50mm x 50mm x 6mm at bottom with necessary accessories as required for complete installation. IS 14845: 2000 (Reaffirmed 2010).</p>	<p>Clause No. 1.A.18: Supply, Installation, Testing & Commissioning of MS Fabricated Air vessel with all necessary accessories like safety valve, pressure gauge, drain valve and inlet/outlet nozzle with pipes. Air vessel fabricated from 8 mm thick M.S Plate and installed vertically on suitable legs. Legs shall be provided with M.S. plate of size 50mm x 50mm x 6mm at bottom with necessary accessories as required for complete installation. IS 14845: 2000 (Reaffirmed 2010).</p>
7	<p>Clause No. 1.B. 28 Piping: Piping installation shall be supported on or suspended from structure adequately. Anti-vibration pads, springs and Liners of resilient and non-deteriorating material shall be provided at each support so as to prevent transmission of vibration through the supports.</p>	<p>Clause No. 1.B.28 Piping: Piping installation shall be supported on or suspended from structure adequately. GI U-Clamp shall be used to hold the pipe.</p>
8	<p>Clause No.3.3-Quality Control: The Test Report of all the major components of the Fire Hydrant system as per relevant IS Standard from NABL</p>	<p>Clause No. 3.3-Quality Control: The Valid Test Reports/OEM Test Reports of all the major components of the Fire Hydrant system as per relevant IS Standard</p>

	<p>accredited laboratory shall be made available by the Contractor Firm during PDI and the same shall be sent by the Contractor Firm along with the material at ISP.</p> <p>Clause No. 7.5: Technical documentation: Valid Test reports (as per the relevant IS standards) from NABL Accredited laboratories, of major components of the dedicated fire hydrant System shall have to be provided by the contractor firm along with materials at ISP.</p>	<p>shall be made available by the Contractor Firm during PDI and the same shall be sent along with the material at ISP.</p> <p>Clause No. 7.5: Technical documentation: The Valid Test Reports/OEM Test reports as per the relevant IS standards of major components of the dedicated fire hydrant System shall have to be provided by the contractor firm along with materials at ISP.</p>
9	<p>Clause No. 7.9. Technical documentation: Provisional and Final Fire NOC: If required, the firm shall also provide FIRE NOC (Provisional & Final) from state government Fire department/Local body as per The Maharashtra Fire Prevention and Life Safety Measures Act, 2006, The Maharashtra Fire Prevention and Life Safety Measures (Amendment) Act, 2023, & Maharashtra Fire Prevention and Life Safety Measures Rule, 2009 without any extra cost to ISP. India Security Press shall provide necessary documents required for obtaining Fire NOC on approval of Competent Authority.</p>	<p>Clause No. 7.9. Technical documentation: Final Fire NOC: The Contractor firm shall also provide Final Fire NOC from state government Fire department/Local body whichever is applicable as per The Maharashtra Fire Prevention and Life Safety Measures Act, 2006, The Maharashtra Fire Prevention and Life Safety Measures (Amendment) Act, 2023, & Maharashtra Fire Prevention and Life Safety Measures Rule, 2009 without any extra cost to ISP. India Security Press shall provide necessary documents required for obtaining Final Fire NOC on approval of Competent Authority.</p>
10	<p>Clause No. 5 Payment Terms: 100 % Payment of Supply, Installation, Testing and Commissioning cost will be released After Successful Supply, Installation, Testing, Commissioning, Training, submission of all Required documents, valid test certificates (from NABL accredited laboratories) of major Components of the Fire Hydrant system along with the OEM Warrantee certificates and Acceptance by ISP.</p>	<p>Clause No. 5 Payment Terms: 100 % Payment of Supply, Installation, Testing and Commissioning cost will be released at per actual basis after Successful Supply, Installation, Testing, Commissioning, Training, submission of all Required documents, valid test certificates/OEM test certificates of major Components of the Fire Hydrant system along with the OEM Warrantee certificates and Acceptance by ISP. The price breakup of BOQ will be called only from the qualified bidder/Firm before awarding the contract.</p>
11	<p>Clause No. 1.A. 31: Pump Mounting: The pumps should be mounted firmly on concrete foundation of minimum 75 mm thickness with vibration absorbing layer. The foundation should be at least equal in Length to the common base plate of pump, motor and flexible coupling between pump and motor. For diesel engines and pumps the foundation should be equivalent to railing length of engine and pump with flexible couplings. All fire pumps should be. Horizontal split-casting centrifugal type with C. I. casing, bronze impeller, and stainless-steel shaft mounted on heavy duty bearings. All metal parts coming in constant contact with water should be suitably treated with anti-corrosive treatment, unless these are of non-ferrous metal. The foundation shall be designed as per IS 2974 (Part 3) and IS 2974 (Part 4).</p>	<p>Clause No.1. A.31: Pump Mounting: The pumps should be mounted firmly on concrete foundation of minimum 75 mm thickness with vibration absorbing layer. The foundation should be at least equal in Length to the common base plate of pump, motor and flexible coupling between pump and motor. For diesel engines and pumps the foundation should be equivalent to railing length of engine and pump with flexible couplings. All fire pumps should be End Suction centrifugal type with C. I. casing, bronze impeller, and stainless-steel shaft mounted on heavy duty bearings. All metal parts coming in constant contact with water should be suitably treated with anti-corrosive treatment, unless these are of non-ferrous metal. The foundation shall be designed as per IS 2974 (Part 3) and IS 2974 (Part 4)</p>

12	<p>Clause No. 1. A.2: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design Diesel Engine Driven Std. By Pump Set, 2850 LPM, 70 Mtr. Head, 1800 RPM, 125NB x 80NB with a Once Through Heat Exchanger cooling in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal, Suitable HP,12V electric start, complete with MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts including grouting, engine with heat exchanger, starting battery with leads, safety releases of High-Water Temperature/ Over Speed Release /Low Oil Pressure, Domestic Silencer & Hot Insulated Exhaust Piping of required length & height as per CBIP with structural support, built in fuel sump, fuel supply & return piping, matching suction & delivery flanges BS 10 Table D, first filling of POL etc.</p>	<p>Clause No. 1.A.2: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design Diesel Engine Driven Stand By Pump Set, 2850 LPM, 88 Meter Head, suitable RPM, 125NB x 80NB with a Radiator cooling in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal, Suitable HP/KW,12V electric start, complete with MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts including grouting, starting battery with leads, safety releases of Over Speed Release /Low Oil Pressure, Domestic Silencer & Hot Insulated Exhaust Piping of required length & height as per CBIP with structural support, built in fuel sump, fuel supply & return piping, matching suction & delivery flanges BS 10 Table D, first filling of POL etc.</p>
13	<p>Clause No. 1. A.1: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design, 2850 LPM, 70 Mtr. Head, 2900 RPM, Suitable HP/KW High-energy efficiency IE4 Electrical Motor Driven Main Pump in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal completes with matched electrical drive, MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guard, set of foundation bolts including grouting, matching suction & delivery flanges/ gaskets BS Table D / fasteners, etc.</p> <p>Clause no. 1.A.5: Supplying, installing, testing & commissioning of high pressure multistage centrifugal pump, 180 LPM, 10.8 CuM/Hr., 70 Mtr. Head, 2900 RPM, 50NB x 25NB, 10 kW motor driven Jockey. Complete with base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts with grouting, drive, matching Suction & delivery flanges to BS 10 Table D with entire set. The electric motor should be high energy efficiency IE4.</p> <p>Clause no. 1.A.70 :SITC of Fire Water tank Filling Pump with Isolation Valves specification: - 180LPM - 12.5HP CI Impeller Horizontal Centrifugal Pump with Starter with Water level Sensor panel - Pipe supply and installation as per applicable IS Code. The electric motor/drive should be high energy efficiency IE4.</p> <p>Clause no. 1.B.15: The motor of all Electrical driven fire pumps shall be of high energy efficient and of IE4 Standard.</p>	<p>Clause No. 1. A.1: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design, 2850 LPM, 88 Meter Head, Suitable HP/KW, RPM & Energy efficiency minimum IE2 Electrical Motor Driven Main Pump in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal completes with matched electrical drive, MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guard, set of foundation bolts including grouting, matching suction & delivery flanges/ gaskets BS Table D / fasteners, etc.</p> <p>Clause no. 1.A.5: Supplying, installing, testing & commissioning of high pressure multistage centrifugal pump, 180 LPM, 10.8 CuM/Hr., 88 Meter Head, Suitable RPM, 50NB x 25NB/Suitable size, 10 kW/HP or suitable motor driven Jockey Pump. Complete with base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts with grouting, drive, matching Suction & delivery flanges to BS 10 Table D with entire set. The energy efficiency of electric motor should be minimum IE2.</p> <p>Clause no. 1.A.70:SITC of Fire Water tank Filling Pump with Isolation Valves specification: - 180LPM - 12.5HP CI Impeller Horizontal Centrifugal Pump with Starter with Water level Sensor panel - Pipe supply and installation as per applicable IS Code. The energy efficiency of electric motor shall be of minimum IE2 standard.</p> <p>Clause no. 1.B.15: The energy efficiency of electric motor shall be of minimum IE2 standard.</p>

14	<p>Clause no. 1.A.23(a) Supply and laying Single core 240 Sq.mm Copper flexible Cable through cable tray (From fire panel to Main Fire pump Control panel).</p> <p>Clause no. 1.A.23(b) Supply and laying 3.5CX150 Sq.mm Copper armoured Cable through cable tray (From Main fire pump Control panel to Main Fire pump Motor).</p> <p>Clause no. 1.A.23(h) Supply and laying 120Sqmm flexible Copper earthing cable. (From earth pit to Main Fire pump control panel)</p>	<p>Clause no. 1.A.23(a): Supply and laying 3.5 core 85-95 Sq.mm, Copper armoured Cable through cable tray (From fire panel to Main Fire pump Control panel).</p> <p>Clause no. 1.A.23(b): Supply and laying 3CX50 Sq.mm Copper armoured Cable through cable tray (From Main fire pump Control panel to Main Fire pump Motor).</p> <p>Clause no. 1.A.23(h): Supply and laying of GI strip (Width= 50mm & thickness=6 mm) for earthing (From earth pit to Main Fire pump control panel) “.</p>
15	<p>Clause no. 1. A.1: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design, 2850 LPM, 70 Mtr. Head, 2900 RPM, Suitable HP/KW High-energy efficiency IE4 Electrical Motor Driven Main Pump in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal completes with matched electrical drive, MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guard, set of foundation bolts including grouting, matching suction & delivery flanges/ gaskets BS Table D / fasteners, etc.</p> <p>Clause no. 1. A.2: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design Diesel Engine Driven Std. By Pump Set, 2850 LPM, 70 Mtr. Head, 1800 RPM, 125NB x 80NB with a Once Through Heat Exchanger cooling in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal, Suitable HP,12V electric start, complete with MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts including grouting, engine with heat exchanger, starting battery with leads, safety releases of High-Water Temperature/ Over Speed Release /Low Oil Pressure, Domestic Silencer & Hot Insulated Exhaust Piping of required length & height as per CBIP with structural support, built in fuel sump, fuel supply & return piping, matching suction & delivery flanges BS 10 Table D, first filling of POL etc.</p> <p>Clause no. 1.A.5: Supplying, installing, testing & commissioning of high pressure multistage centrifugal pump, 180 LPM, 10.8 CuM/Hr., 70 Mtr. Head, 2900 RPM, 50NB x 25NB, 10 kW motor driven Jockey. Complete with base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts</p>	<p>Clause no. 1. A.1: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design, 2850 LPM, 88 Meter Head, Suitable HP/KW, RPM & Energy efficiency minimum IE2 Electrical Motor Driven Main Pump in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal completes with matched electrical drive, MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guard, set of foundation bolts including grouting, matching suction & delivery flanges/ gaskets BS Table D / fasteners, etc.</p> <p>Clause no. 1.A.2: Supplying, installing, testing & commissioning of positive end suction, single stage, back pull-out design Diesel Engine Driven Stand By Pump Set, 2850 LPM, 88 Meter Head, suitable RPM, 125NB x 80NB with a Radiator cooling in CI 260 body, Bronze LTB2 impeller, 40C8 shaft with Mechanical Seal, Suitable HP/KW,12V electric start, complete with MS base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts including grouting, starting battery with leads, safety releases of Over Speed Release /Low Oil Pressure, Domestic Silencer & Hot Insulated Exhaust Piping of required length & height as per CBIP with structural support, built in fuel sump, fuel supply & return piping, matching suction & delivery flanges BS 10 Table D, first filling of POL etc.</p> <p>Clause no. 1.A.5: Supplying, installing, testing & commissioning of high pressure multistage centrifugal pump, 180 LPM, 10.8 CuM/Hr., 88 Meter Head, Suitable RPM, 50NB x 25NB/Suitable size, 10 kW/HP or suitable motor driven Jockey Pump. Complete with base frame/ plate, anti-vibration mounts, matching hardware, coupling, coupling guards, set of foundation bolts with grouting,</p>

	with grouting, drive, matching Suction & delivery flanges to BS 10 Table D with entire set. The electric motor should be high energy efficiency IE4.	drive, matching Suction & delivery flanges to BS 10 Table D with entire set. The energy efficiency of electric motor should be minimum IE2.
16	Clause no. 1.A.45: Supplying, installing, testing & commissioning of 2 mm/3MM thick tape to IS 10221 App B, tar based polymeric mix based on high tensile strength HMHDPE thermos fusible material in 500 mm width. For Underground piping. Application of including provision of LPG gas in cylinders & nozzle with piping, wrapping in 2 layers in opposite direction with 15% overlap & thermal fusing in situ.	Clause no. 1.A.45: Supplying, installing, testing & commissioning of 4 mm thick tape/roll as per IS 10221 App B, tar based polymeric mix, based on high tensile strength HMHDPE thermos fusible material in 500 mm width. For Underground piping. Application of including provision of LPG gas in cylinders & nozzle with piping, wrapping in single layer with 15% overlap & thermal fusing in situ.
17	Clause no.1.A. 43: Supplying, installing, testing & commissioning of MS Black ERW following pipes, IS 1239 Part-1, Heavy duty, Class `C' including all fittings For underground, Fabrication of pipe in lengths to suit site condition & welding after bevelling pipes & using 3.15 mm electrode for root run & 2.5 mm for subsequent runs including taking & grinding (up to 80 nb pipes) including all fittings & providing rectifier welding machines with approved make electrodes, Underground Erection in excavated pipe trenches at 1M hydro testing at 1.5 x working pressure before wrap coat & commissioning after 100% length holiday testing & radiography of 10% in situ joints subject to minimum 1.	Clause no.1.A. 43: Supplying, installing, testing & commissioning of MS Black ERW following pipes, IS 1239 Part-1, Heavy duty, Class `C' including all fittings For underground, Fabrication of pipe in lengths to suit site condition & welding after bevelling pipes & using 3.15 mm electrode for root run & 2.5 mm for subsequent runs including taking & grinding (up to 80 nb pipes) including all fittings & providing rectifier welding machines with approved make electrodes, Underground Erection in excavated pipe trenches at 1M hydro testing at 1.5 x working pressure before wrap coat.
18	Clause no.1.A. 20: Supplying & installing of ABC Powder Cartridge Portable Fire extinguisher 6 kg capacity (21B), 35 bar Test / 15 Bar working, 4.5 M throw, 20 second discharge time, Propellant CO2 in gas cartridge, charge as per IS 4308, MS sheet deep drawn steel cylinder, squeeze grip brass control valve, AL syphon tube, Non-metallic discharge nozzle, 450 mm long PVC braided hose, pressure gauge, hose holder, conforming to IS 15683 / IS 2190:2010, portable at appointed location on wall/ column mounted brackets, clamps & other accessories. Clause no.1.A. 21: Supplying & erecting of CO2 type extinguisher, 4.5 kg capacity (21B), 250 Bar Test / 60 Bar storage, 2M min throw, 8 second discharge time, Propellant CO2 in gas cartridge, charge as per IS 15222, Seamless steel tube cylinder to IS 7285, squeeze grip brass control valve to IS 3224, AL internal discharge tube, Poly Ethylene discharge nozzle, 450 mm long PVC braided hose, safety	Clause no.1.A. 20: Supplying & installing of ABC Powder stored pressure type Portable Fire extinguisher 6 kg capacity (21B), 35 bar Test / 15 Bar working, 4.5 M throw, 20 second discharge time, Propellant CO2 in gas, charge as per IS 4308, MS sheet deep drawn steel cylinder, squeeze grip brass control valve, AL syphon tube, Non-metallic discharge nozzle, 450 mm long PVC braided hose, hose holder, conforming to IS 15683 / IS 2190:2010, portable at Appointed location on wall/ column mounted brackets, clamps & other accessories. Or any other suitable fire extinguisher of same capacity as per relevant IS Code. Clause no.1.A. 21: Supplying & erecting of CO2 type extinguisher, 4.5 kg capacity (21B), 250 Bar Test / 60 Bar storage, 2Mmin throw, 8 second discharge time, Propellant CO2 in stored pressure , charge as per IS 15222, Seamless steel tube cylinder to IS 7285, squeeze grip brass control valve to IS 3224, AL internal discharge tube, Poly Ethylene discharge nozzle, 450 mm long PVC braided hose, safety release, seal temper indicator, hose holder & conforming to IS15683

	release, seal temper indicator, pressure gauge, hose holder & conforming to IS 15683 /IS 2190:2010.portable at appointed location on wall/ column mounted brackets, clamps & other accessories.	/IS 2190:2010.portable at appointed location on wall/ column mounted brackets, clamps & other Accessories. Or any other suitable fire extinguisher of same capacity as per relevant IS Code.
19	<p>Clause No. 1.B.20:The minimum pressure at any farthest point of fire hydrant network should not be less than 7 Kg/cm².The pressure maintained at any point of hydrant network shall be above 7 Kg/cm² .</p> <p>Clause no. 6.3 FAT & TRAINING: The minimum pressure at any farthest point of fire hydrant network should not be less than 7 Kgf/cm².</p>	<p>Clause No. 1.B.20:The pressure maintained at any farthest point of hydrant network shall not be less than 7 Kg/cm². in closed loop, after opening of 4 hydrant valves minimum pressure shall not be less than 3.5 Kg/cm² as per latest version of IS 13039.</p> <p>Clause no. 6.3 FAT & TRAINING: The pressure maintained at any farthest point of hydrant network shall not be less than 7 Kg/cm². in closed loop, after opening of 4 hydrant valves minimum pressure shall not be less than 3.5 Kg/cm² as per latest version of IS 13039.</p>

Note : All other terms and conditions of the GeM bid No. GEM/2025/B/5809437 dated 16.01.2025 will remain unchanged.