

Ref No: INS/W-5926/2019-2020(Y)

Addendum No.1
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The Following Addendum is issued to our tender, under Ref No: INS/W-5926/2019-2020(Y) to be Amended in the Specifications:

Si. No	Technical specification					
	FOR			READ		
	Annual Maintenance Contract for FM 200			Service Contract for FM200		
1	DESCRIPTION	UNIT	QTY	DESCRIPTION	UNIT	QTY
	A) Service charges towards Non-Comprehensive AMC for FM200 Fire Alarm Suppression system at InStem lab complex, which includes the entire setup comprising panels, detectors and anything which comes under the purview of complete setup	months	12	1) Service charges towards Non Comprehensive Service Contract for FM200 Fire Alarm Suppression system at InStem lab complex, which includes the entire setup comprising panels, detectors and anything which comes under the purview of complete setup	months	12
	Spares for Replacements on Breakdown:-			Spares for Replacement on Breakdown:-		
	1) Supply, Installation and commissioning of Gas Release Switch	No's	1	2) Supply, Installation and commissioning of Gas Release Switch	No's	1
	2) Supply, Installation and commissioning of Gas Release panel with 2-Zone fire detection and 1- Zone gas discharge module with binary switch timer for release delay and potential free contact to relay "Gas Release " signal panel	No'	1	3) Supply, Installation and commissioning of Gas Release panel with 2-Zone fire detection and 1- Zone gas discharge module with binary switch timer for release delay and potential free contact to relay "Gas Release " signal panel	No's	1
	3) Supply, Installation and commissioning of Micro - processor based Alarm Panel (addressable panel of double loop) for required devices capacity, discharge module with minimum 80 character LCD type display & LED indication for all zones, complete with internal sounder alarm/fault indications & standby 24 v lead acid batteries with charger	No's	1	4) Supply, Installation and commissioning of Micro - processor based Alarm Panel (addressable panel of double loop) for required devices capacity, discharge module with minimum 80 character LCD type display & LED indication for all zones, complete with internal sounder alarm/fault indications & standby 24 v lead acid batteries with charger	No's	1
	4) Supply, Installation and commissioning of discharge Nozzles designed to provide the proper flow rate and distribution of gas to total flood a hazard area	No's	1	5) Supply, Installation and commissioning of discharge Nozzles designed to provide the proper flow rate and distribution of gas to total flood a hazard area	No's	1
	5) Supply, Installation and commissioning of HFC-227ea Gas, factory-filled in the Gas Cylinder / from a UL - Listed Gas Filling Station	KG's	1	6) Supply, Installation and commissioning of HFC-227ea Gas, factory-filled in the Gas Cylinder / from a UL - Listed Gas Filling Station	KG's	1
	6) Supply, Installation and commissioning of Electronic Hooter with flashing type multi-Strobe for combined audio - visual alarms	No's	1	7) Supply, Installation and commissioning of Electronic Hooter with flashing type multi-Strobe for combined audio - visual alarms	No's	1
	7) Supply, Installation and commissioning of Abort Switch of approved pull-type	No's	1	8) Supply, Installation and commissioning of Abort Switch of approved pull-type	No's	1
	8) Supply, Installation and commissioning of Key-operated selector switch between the main Gas Bank and Reserve Gas Banks	No's	1			

<p>9) Supply, Installation and commissioning of addressable Photoelectric/Ionization Smoke detectors complete with LED address switch No's 1</p> <p>10) Supply, Installation and commissioning of Photoelectric cum heat multi criteria type smoke detectors complete with LED address switch No's 1</p> <p>11) Supply, Installation and commissioning of 1.5mm X 2 core Fire Survival Armoured cable, with Copper conductor (600/1000V) having Cross linkable Ethylene Propylene Rubber (EPR) insulation with Low Smoke Zero Halogen (LSZH) inner & outer sheath Metres 1</p> <p>12) Supply, Installation and commissioning of Manual Pull station No's 1</p> <p>13) Supply, Installation and commissioning of Control module No's 1</p> <p>14) Supply, Installation and commissioning of Isolator module No's 1</p> <p>15) Supply, Installation and commissioning of Relay module No's 1</p> <p>16) Supply, Installation and commissioning of Response indicator No's 1</p> <p>NOTE: 1) Vendor needs to visit the site and understand the setup before bidding. 2) Item no's 1 TO 16 are spares which shall be procured only during breakdown of any component. Refilling of Gas cylinders shall be calculated to the actual capacity of each cylinders.</p> <p>The AMC will be entered into for 12 months (1 visit per month) to check and maintain the complete system in addition to the Breakdown calls that are required to be attended to rectify any malfunctioning of the system. On Satisfactory performance the tender shall be extended for another one year.</p> <p>Billing for Service Contract shall be made on monthly basis.</p> <p>Scope of work under AMC:-</p> <p>A) Fire Alarm system 1. Testing of Healthiness of the fire alarm system 2. Testing of manual call points, hooters, smoke detectors 3. Rectification of faults</p>	<p>9) Supply, Installation and commissioning of Key-operated selector switch between the main Gas Bank and Reserve Gas Banks No's 1</p> <p>10) Supply, Installation and commissioning of addressable Photoelectric/Ionization Smoke detectors complete with LED address switch No's 1</p> <p>11) Supply, Installation and commissioning of Photoelectric cum heat multi criteria type smoke detectors complete with LED address switch No's 1</p> <p>12) Supply, Installation and commissioning of 1.5mm X 2 core Fire Survival Armoured cable, with Copper conductor (600/1000V) having Cross linkable Ethylene Propylene Rubber (EPR) insulation with Low Smoke Zero Halogen (LSZH) inner & outer sheath Meters 1</p> <p>13) Supply, Installation and commissioning of Manual Pull station No's 1</p> <p>14) Supply, Installation and commissioning of Control module No's 1</p> <p>15) Supply, Installation and commissioning of Isolator module No's 1</p> <p>16) Supply, Installation and commissioning of Relay module No's 1</p> <p>17) Supply, Installation and commissioning of Response indicator No's 1</p> <p>NOTE: 1) Vendor needs to visit the site and understand the setup before bidding. 2) Item no's 2 TO 17 are spares which shall be procured only during breakdown of any component. Refilling of Gas cylinders shall be calculated to the actual capacity of each cylinders.</p> <p>The Service Contract will be entered into for 12 months (1 visit per month) to check and maintain the complete system in addition to the Breakdown calls that are required to be attended to rectify any malfunctioning of the system. On Satisfactory performance the tender shall be extended for another one year.</p> <p>Billing for Service Contract shall be made on monthly basis.</p> <p>Scope of work under Service Contract:-</p> <p>A) Fire Alarm system 1. Testing of Healthiness of the fire alarm system 2. Testing of manual call points, hooters, smoke detectors 3. Rectification of faults</p>
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<p>B) FM200 system</p> <ol style="list-style-type: none">1. Testing and servicing of Electrical Actuators and related valves2. Maintain record of each cylinders3. Testing & Lubricating of mechanical valves4. Any other activity not defined here.	<p>B) FM200 system</p> <ol style="list-style-type: none">1. Testing and servicing of Electrical Actuators and related valves2. Maintain record of each cylinders3. Testing & Lubricating of mechanical valves4. Any other activity not defined here.
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All other terms and conditions of the tender document remains unaltered

Yours faithfully,
For and on behalf of Institute for
stem cell and Regenerative Medicine,


Purchase Officer



