**Salient Characteristics/Pricing Schedule**

Medical Cold Storage Equipment

HELMER, INC.: BRAND NAME OR EQUAL

Equal must meet these salient characteristics. Explanation of how equal meets each salient characteristic and must be included with quote.

Contractor shall deliver the following commercial equipment to provide (1) Helmer iPF105, (1) Helmer iB120, (1) Helmer iPF120 and (5) Helmer iLR125 to the C.W. Bill Young VAMC in Bay Pines, FL, as defined by these salient characteristics.

EQUIPMENT REQUIREMENTS: must include the following features:

1. **iPF105 - Under-counter Plasma Storage Freezer (-30°C), 5CF (142 Liters) – QTY 1**

* Must have warranty: 5 years compressor, 2 years parts
* Must have advanced temperature monitoring, information logs, and audible and visual alarms
* Must have downloading and event acknowledgement
* Must have interactive temperature graph, auto alarm tests, and password protection
* Must have programmable defrost
* Must have air-cooled, forced-air refrigeration system
* Must have front ventilation
* Must have self-closing, field reversible door with magnetic latch
* Must have 7-day inkless chart recorder
* Must have leveling feet
* Must have rear access port
* Must have full-color touchscreen / door mounted
* Must have key lock
* Must have multiple Interface Access: 2- USB ports, 1- RJ-45, and Dry contacts
* Must have rechargeable battery backup
* Must meet AABB, ARC, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulations 2005 standards for blood plasma storage
* Must have heavy duty, air-cooled refrigeration system with programmable operating range of -15º to -30ºC
* Must have forced air circulation maintains uniformity and provides quick recovery after door opened
* Must have storage capacity – 44 boxes
* Must have exterior dimensions (w x h x d): 24” x 33.5” x 26.75”
* Must be able to stack with compatible refrigerator (iB105) for space saving

1. **iB120 - Blood Bank Refrigerator 20 CF (572 liters) – QTY 1**

* Must have superior chamber temperature uniformity and quick recovery with heavy-duty, air-cooled refrigeration system
* Must have a LEFT-hinged door
* Must have temperature uniformity of +/- 1°C
* Must have self-closing door with magnetic closure eliminates broken door latches
* Must have no required defrost cycle so constant temperatures are maintained throughout the storage period
* Must have hospital grade plug enhances electrical safety/serviceability
* Must have full-color touchscreen / door mounted
* Must have key lock
* Must have password protected settings
* Must have chart recorder
* Must meet AABB, ARC, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulation 2005 standards for blood storage at 4°C
* Must have recessed floor and liquid-tight drawers contain spills for easy clean-up and maintain the integrity of other products stored in the refrigerator
* Must have rechargeable battery backup
* Must have interior dimensions (w x h x d) 24.75 x 58.25 x 24.25 in
* Must have exterior dimensions (w x h x d) 29.5 x 79.5 x 29.5 in
* Must have overall exterior dimensions (w x h x d) (Includes door handle, electrical panel, and evaporation tray) 29.5 x 79.5 x 32.5 in

1. **iPF120 - Plasma Storage Freezer (-30°C), 20CF (572 liters) – QTY 1**

* Must have warranty: 5 years compressor, 2 years parts
* Must have full-color touchscreen / door mounted
* Must be 115v
* Must have advanced temperature monitoring, information logs, and audible and visual alarms
* Must have downloading and event acknowledgement
* Must have interactive temperature graph, auto alarm tests, and password protection
* Must have programmable defrost
* Must have air-cooled, forced-air refrigeration system
* Must have front ventilation
* Must have self-closing, field reversible door with magnetic latch
* Must have 7-day inkless chart recorder
* Must have leveling feet
* Must have rear access port
* Must have key lock
* Must have multiple interface access: 2- USB ports, 1- RJ-45, and Dry contacts
* Must have rechargeable battery backup
* Must meet AABB, ARC, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulations 2005 standards for blood plasma storage
* Must have heavy duty, air-cooled refrigeration system with programmable operating range of -15º to -30ºC
* Must have forced air circulation maintains uniformity and provides quick recovery after door
* Must have storage capacity – 360 boxes
* Must have exterior dimensions (w x h x d): 29.5 x 80 x 29.5 in

1. **iLR125 - Laboratory Reagent Refrigerator, 25 CF (714 liters) – QTY 5**

* 3 of 5 Units must have a LEFT-hinged door
* 2 of 5 Units must have a RIGHT-hinged door
* Must have 6 epoxy coated storage shelves per unit
* Must have superior chamber temperature uniformity and quick recovery with heavy-duty, air-cooled refrigeration system
* Must have temperature uniformity of +/- 1°C
* Must have self-closing door with magnetic closure eliminates broken door latches
* Must have no required defrost cycle so constant temperatures are maintained throughout the storage period
* Must have hospital grade plug enhances electrical safety/serviceability
* Must have with full-color touchscreen
* Must have microprocessor temperature controller with built-in alarm / monitor (Horizon Series)
* Must have key lock and optional access control
* Must have password protected settings
* Must have chart recorder
* Must meet AABB, ARC, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulation 2005 standards for blood storage at 4°C
* Must have recessed floor and liquid-tight drawers contain spills for easy clean-up and maintain the integrity of other products stored in the refrigerator
* Must have rechargeable battery backup
* Must have interior dimensions (w x h x d) 24.75 x 58.25 x 30.25 in
* Must have exterior dimensions (w x h x d) 29.5 x 79.5 x 35.5 in

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## PRICE SCHEDULE

### ITEM INFORMATION

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ITEM NUMBER | DESCRIPTION OF SUPPLIES/SERVICES | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
| 0001 | iPF105 i.Seriesr -30?C Plasma Storage Freezer Undercounter, 5CF (142 Liters)  LOCAL STOCK NUMBER: 5210105-1 | 1.00 | EA | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 0002 | iB120 i.Seriesr Blood Bank Refrigerator, 20CF (572 Liters)  LOCAL STOCK NUMBER: 5100120-1 | 1.00 | EA | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 0003 | iPF120 i.Seriesr -30?C Plasma Storage Freezer, 20CF (572 Liters)  LOCAL STOCK NUMBER: 5210120-1 | 1.00 | EA | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 0004 | iLR125 i.Seriesr Laboratory Refrigerator, 25CF (714 Liters)  LOCAL STOCK NUMBER: 5102125-1 | 3.00 | EA | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 0005 | iLR125 i.Seriesr Laboratory Refrigerator, 25CF (714 Liters)  LOCAL STOCK NUMBER: 5102125-1 | 2.00 | EA | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  | **GRAND TOTAL** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |