**AMENDMENT No.3**

**No: HLL/PCD/UIP/GMSD-1/2012-13/** **Date: 10.06.2013**

**Tender Enquiry No.: HLL/PCD/UIP/GMSD-1/2012-13 dated 19.02.2013**

**NOTICE INVITING TENDERS (NIT)**

**1. Page no. 4 Para (2)**

**Existing**

| Sl No. | Description | Schedule |
|---|---|---|
| i. | Dates of sale of tender enquiry documents | **19.02.2013 to 18.06.2013**, 10.00 Hrs. to 16.00 Hrs. (IST) |
| ii. | Place of sale of Tender Enquiry Documents | HLL Lifecare Limited, (A Government of India Enterprise), Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida - 201 307 |
| iii. | Cost of the Tender Enquiry Document | Rs. 5000/- |
| Iv | Pre Tender Meeting Date & Time | **26.02.2013**, 1100 hrs IST |
| V | Pre Tender Meeting Venue | Same as 2 (ii) |
| vi. | Closing date & time for receipt of Tender | **19.06.2013**, 14.30 hrs IST |
| vii. | Time and date of opening of Techno – Commercial tenders | **19.06.2013**, 15.00 hrs IST |
| Viii | Venue of Opening of Techno Commercial Tender | Same as 2 (ii) |

**Read as:**

| Sl No. | Description | Schedule |
|---|---|---|
| **i.** | **Dates of sale of tender enquiry documents** | **19.02.2013 to 26.06.2013, 10.00 Hrs. to 16.00 Hrs. (IST)** |
| **ii.** | **Place of sale of Tender Enquiry Documents** | **HLL Lifecare Limited, (A Government of India Enterprise), Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida -201 307** |
| **iii.** | **Cost of the Tender Enquiry Document** | **Rs. 5000/-** |
| **Iv** | **Pre Tender Meeting Date & Time** | **26.02.2013, 1100 hrs IST** |
| **V** | **Pre Tender Meeting Venue** | **Same as 2 (ii)** |
| **vi.** | **Closing date & time for receipt of Tender** | **10.07.2013, 14.30 hrs IST** |

| Sl No. | Description | Schedule |
|---|---|---|
| **vii.** | **Time and date of opening of Techno – Commercial tenders** | **10.07.2013, 15.00 hrs IST** |
| **Viii** | **Venue of Opening of Techno Commercial Tender** | **Same as 2 (ii)** |

2. Clause 1 page no 3 & 4: Notice Inviting Tender

Existing

| Sl. No. | | Equipment Name | Total Qty. | EMD Amount (Rs) |
|---|---|---|---|---|
| 1 | 1a | Walk in Cooler (WIC) 200 cubic meter with single access door control | 1 | 90,000 |
| | 1b | Walk in Cooler (WIC) 200 cubic meter with single access door control | 1 | 90,000 |
| | 1c | Walk in Cooler (WIC) 100 cubic meter with single access door control | 1 | 50,000 |
| | 1d | Walk in Cooler (WIC) 60 cubic meter with single access door control | 1 | 45,000 |
| | 1e | Walk in Cooler (WIC) 120 cubic meter with single access door control | 1 | 70,000 |
| | 1f | Walk in Cooler (WIC) 40 cubic meter with single access door control | 1 | 40,000 |
| 2 | 2a | Walk in Freezer (WIF) 32 cubic meter with single access door control | 2 | 64,000 |
| | 2b | Walk in Freezer (WIF) 32 cubic meter with single access door control | 1 | 32,000 |
| | 2c | Walk in Freezer (WIF) 20 cubic meter with single access door control | 1 | 24,000 |
| | 2d | Walk in Freezer (WIF) 20 cubic meter with single access door control | 1 | 24,000 |
| 3 | 3a | Electronic Data logger for Controlling and Monitoring Temperature | 1 | 10,000 |
| | 3b | | 1 | 10,000 |
| | 3c | | 1 | 10,000 |
| | 3d | | 1 | 10,000 |
| | 3e | | 1 | 10,000 |
| | 3f | | 1 | 10,000 |
| | 3g | | 1 | 10,000 |
| 4 | 4a | 40 KVA DG Sets with Panels | 9 | 1,01,250 |
| | 4b | 25 KVA DG Sets with Panels | 1 | 8,000 |
| | 4c | 60 KVA DG Sets with Panels | 1 | 14,000 |
| 5 | 5a | | | |

| | | | | |
|---|---|---|---|---|
| | 5b<br>5c<br>5d<br>5e<br>5f | Refrigerated Trucks Large | 8 | 4,00,000 |
| 6 | 6a | Refrigerated Trucks Small | 2 | 72,000 |

***Read as***

| ***Sl. No.*** | | ***Equipment Name*** | ***Total Qty.*** | ***EMD Amount (Rs)*** |
|---|---|---|---|---|
| ***1*** | ***1a*** | ***Walk in Cooler (WIC) 200 cubic meter with single access door control*** | ***1*** | ***90,000*** |
| | ***1b*** | ***Walk in Cooler (WIC) 200 cubic meter with single access door control*** | ***1*** | ***90,000*** |
| | ***1c*** | ***Walk in Cooler (WIC) 100 cubic meter with single access door control*** | ***1*** | ***50,000*** |
| | ***1d*** | ***Walk in Cooler (WIC) 60 cubic meter with single access door control*** | ***1*** | ***45,000*** |
| | ***1e*** | ***Walk in Cooler (WIC) 40 cubic meter with single access door control*** | ***1*** | ***40,000*** |
| ***2*** | ***2a*** | ***Walk in Freezer (WIF) 40cubic meter with single access door control*** | ***2*** | ***90,000*** |
| | ***2b*** | ***Walk in Freezer (WIF) 32 cubic meter with single access door control*** | ***1*** | ***32,000*** |
| | ***2c*** | ***Walk in Freezer (WIF) 20 cubic meter with single access door control*** | ***1*** | ***24,000*** |
| | ***2d*** | ***Walk in Freezer (WIF) 20 cubic meter with single access door control*** | ***1*** | ***24,000*** |
| ***3*** | ***3a*** | ***Electronic Data logger for Controlling and Monitoring Temperature*** | ***1*** | ***10,000*** |
| | ***3b*** | | ***1*** | ***10,000*** |
| | ***3c*** | | ***1*** | ***10,000*** |
| | ***3d*** | | ***1*** | ***10,000*** |
| | ***3e*** | | ***1*** | ***10,000*** |
| ***4*** | ***4a*** | ***40 KVA DG Sets with Panels*** | ***6*** | ***67,500*** |
| | ***4b*** | ***25 KVA DG Sets with Panels*** | ***1*** | ***8,000*** |
| | ***4c*** | ***15 KVA DG Sets with Panels*** | ***1*** | ***6,000*** |
| ***5*** | ***5a*** | ***Refrigerated Trucks Large*** | ***6*** | ***3,00,000*** |
| | ***5b*** | | | |
| | ***5c*** | | | |
| | ***5d*** | | | |

| | | | | |
|---|---|---|---|---|
| | ***5e*** | | | |
| | ***5f*** | | | |
| ***6*** | ***6a*** | ***Refrigerated Trucks Small*** | ***2*** | ***72,000*** |

**3. Section VI: List of requirement P.44**

Existing clause:

| Sl. No. | | Equipment Name | Consignee | Qty. | Total Quantity |
|---|---|---|---|---|---|
| 1 | 1a | Walk in Cooler (WIC) 200 cubic meter with single access door control | Cold Rooms -Kolkata | 1 | 6 |
| | 1b | Walk in Cooler (WIC) 200 cubic meter with single access door control | Cold Rooms –Delhi | 1 | |
| | 1c | Walk in Cooler (WIC) 100 cubic meter with single access door control | Cold Rooms –Chennai | 1 | |
| | 1d | Walk in Cooler (WIC) 60 cubic meter with single access door control | Cold Rooms – Hyderabad | 1 | |
| | 1e | Walk in Cooler (WIC) 120 cubic meter with single access door control | Cold Rooms –Karnal | 1 | |
| | 1f | Walk in Cooler (WIC) 40 cubic meter with single access door control | Cold Rooms – Guwahati | 1 | |
| 2 | 2a | Walk in Freezer (WIF) 32 cubic meter with single access door control | Cold Rooms –Delhi | 2 | 5 |
| | 2b | Walk in Freezer (WIF) 32 cubic meter with single access door control | Cold Rooms –Chennai | 1 | |
| | 2c | Walk in Freezer (WIF) 20 cubic meter with single access door control | Cold Rooms – Hyderabad | 1 | |
| | 2d | Walk in Freezer (WIF) 20 cubic meter with single access door control | Cold Rooms – Guwahati | 1 | |
| 3 | 3a | Electronic Data logger for Controlling and Monitoring Temperature | Cold Rooms –Kolkata | 1 | 7 |
| | 3b | | Cold Rooms –Mumbai | 1 | |
| | 3c | | Cold Rooms –Delhi | 1 | |
| | 3d | | Cold Rooms –Chennai | 1 | |
| | 3e | | Cold Rooms – Hyderabad | 1 | |
| | 3f | | Cold Rooms –Karnal | 1 | |
| | 3g | | Cold Rooms – Guwahati | 1 | |
| 4 | 4a | 40 KVA DG Sets with Panels | Cold Rooms –Delhi | 2 | 9 |
| | | | Cold Rooms – Hyderabad | 2 | |
| | | | Cold Rooms –Chennai | 1 | |
| | | | Cold Rooms –Karnal | 1 | |
| | | | Cold Rooms -Mumbai | 2 | |

| | | | | | |
|---|---|---|---|---|---|
| | | | Cold Rooms -Guwahati | 1 | |
| | 4b | 25 KVA DG Sets with Panels | Cold Rooms –Chennai | 1 | 1 |
| | 4c | 60 KVA DG Sets with Panels | Cold Rooms –Karnal | 1 | 1 |
| 5 | 5a | Refrigerated Trucks Large | Cold Rooms –Kolkata | 2 | 8 |
| | 5b | | Cold Rooms -Mumbai | 2 | |
| | 5c | | Cold Rooms -Chennai | 1 | |
| | 5d | | Cold Rooms - Hyderabad | 1 | |
| | 5e | | Cold Rooms –Delhi | 1 | |
| | 5f | | Cold Rooms-Karnal | 1 | |
| 6 | 6a | Refrigerated Trucks Small | Cold Rooms – Guwahati | 2 | 2 |

**Read as**

| ***Sl. No.*** | | ***Equipment Name*** | ***Consignee*** | ***Qty.*** | ***Total Quantity*** |
|---|---|---|---|---|---|
| ***1*** | ***1a*** | ***Walk in Cooler (WIC) 200 cubic meter with single access door control*** | ***GMSD-Kolkata*** | ***1*** | ***5*** |
| | ***1b*** | ***Walk in Cooler (WIC) 200 cubic meter with single access door control*** | ***GMSD –Mumbai*** | ***1*** | |
| | ***1c*** | ***Walk in Cooler (WIC) 100 cubic meter with single access door control*** | ***GMSD –Chennai*** | ***1*** | |
| | ***1d*** | ***Walk in Cooler (WIC) 60 cubic meter with single access door control*** | ***GMSD –Hyderabad*** | ***1*** | |
| | ***1e*** | ***Walk in Cooler (WIC) 40 cubic meter with single access door control*** | ***GMSD –Guwahati*** | ***1*** | |
| ***2*** | ***2a*** | ***Walk in Freezer (WIF) 40 cubic meter with single access door control*** | ***GMSD Mumbai*** | ***2*** | ***5*** |
| | ***2b*** | ***Walk in Freezer (WIF) 32 cubic meter with single access door control*** | ***GMSD –Chennai*** | ***1*** | |
| | ***2c*** | ***Walk in Freezer (WIF) 20 cubic meter with single access door control*** | ***GMSD –Hyderabad*** | ***1*** | |
| | ***2d*** | ***Walk in Freezer (WIF) 20 cubic meter with single access door control*** | ***GMSD –Guwahati*** | ***1*** | |
| ***3*** | ***3a*** | ***Electronic Data logger for Controlling and Monitoring Temperature*** | ***GMSD –Kolkata*** | ***1*** | |
| | ***3b*** | | ***GMSD –Mumbai*** | ***1*** | |
| | ***3c*** | | ***GMSD –Chennai*** | ***1*** | |
| | ***3d*** | | ***GMSD –Hyderabad*** | ***1*** | |

| | | | | | |
|---|---|---|---|---|---|
| | ***3e*** | | ***GMSD –Guwahati*** | ***1*** | ***5*** |
| ***4*** | ***4a*** | ***40 KVA DG Sets with Panels*** | ***GMSD Kolkata*** | ***1*** | ***6*** |
| | | | ***GMSD –Hyderabad*** | ***1*** | |
| | | | ***GMSD–Chennai*** | ***1*** | |
| | | | ***GMSD -Mumbai*** | ***2*** | |
| | | | ***GMSD -Guwahati*** | ***1*** | |
| | ***4b*** | ***25 KVA DG Sets with Panels*** | ***GMSD–Chennai*** | ***1*** | ***1*** |
| | ***4c*** | ***15 KVA DG Sets with Panels*** | ***GMSD –Kolkata*** | ***1*** | ***1*** |
| ***5*** | ***5a*** | ***Refrigerated Trucks Large*** | ***GMSD –Kolkata*** | ***2*** | ***6*** |
| | ***5b*** | | ***GMSD-Mumbai*** | ***2*** | |
| | ***5c*** | | ***GMSD -Chennai*** | ***1*** | |
| | ***5d*** | | ***GMSD -Hyderabad*** | ***1*** | |
| ***6*** | ***6a*** | ***Refrigerated Trucks Small*** | ***GMSD –Guwahati*** | ***2*** | ***2*** |

**4. <u>Technical specifications: Equipment specifications for Walk-in-cooler/ Freezer Schedule-1:</u>**

4.1 Clause 2.2 Existing:

All refrigeration machinery must be provided with 100% standby capacity, with duplicate, independent controls, pipe work, instrumentation and machinery, to provide against failure of the primary system. Automatic changeover and starting of the secondary system is to be provided, activated by thermostatic or electrical control.

**Read as**

***All refrigeration machinery must be provided with 100% standby capacity, with duplicate, independent controls, pipe work, instrumentation and machinery, to provide against failure of the primary system. Automatic changeover and starting of the secondary system is to be provided, activated by thermostatic or electrical control as soon as the primary system fails or chamber temperature rises to more than 8 deg.C. The secondary system must be auto switched off as soon as the chamber temperature goes down below 8 deg.C. Provide an automatic duty sharing circuit with seven days change over and manual override in event of mechanical failure.***

4.2 Clause 3.1 Existing:

Internal Temperature : +2 deg to +8 deg C adjustable for WIC and -20 deg +/- 5 degree adjustable for WIF (i)during 43 deg C continuous ambient(ii) 32 deg continuous ambient (iii) 45/05 deg C day/night cycling temperatures

Read as

***Cold room temperature must remain between +2°C to +8°C for WIC and (-) 25°C to (-) 15°C for WIF to adjustable when measured in any part of the room, under any loading condition between empty and full and over the full ambient temperature range of any temperature zone.***

4.3 Clause 3.2 Existing:

Fabrication:

***Read as:***

***Fabrication: PUF panel should be joined by 'Tounge and Groove type Cam Lock' and not by riveting or any other system.***

4.4 Clause 3.4 Existing

Door with (1) frame heating (2) Heavy duty lock with internal safety release, (3) shelving system (4) Plastic curtain on the door way

***Read as for WIC only***

***Door with (1) Heavy duty lock with internal safety release, (2) Plastic curtain***

***Read as for WIF only***

***Door with (1) frame heating (2) Heavy duty lock with internal safety release, (3) Plastic curtain on the door way***

***Read as for both WIC and WIF***

***Door should be flush type with kick plate at bottom.***

***Door should be fitted with door closer.***

4.5 Clause 3.8 Existing

Condensing unit(s) to comprise compressor, forced air condenser, oil separator, liquid receiver to carry full charge, filter/dryer with flare connections, service and isolating stop valves, high and low pressure dial gauges and oil level sight glass.

***Read as***

***Condensing unit(s) to comprise Hermetic sealed type compressor, forced air condenser, oil separator, liquid receiver to carry full charge, filter/dryer with flare connections, service and isolating stop valves, high and low pressure dial gauges and oil level sight glass.***

***CU should be mounted in to a whether proof canopy so as to get protection from rain and hard weather.***

***Refrigerant sight glass should also be provided***

4.6 Clause 3.11 Existing

Evaporators to be forced-draught, electric-defrost, ceiling-mounted units with fitted condensate drip tray and drain connection.

Read as:

***Evaporators to be forced draught ceiling mounted units with a condenser unit discharging inside the building that houses the cold room. There must be a timer operated electric defrosting system and a condensate drip tray and drain connection***

4.7 Clause 3.13 Existing

Voltage stabilizer broad specifications: KVA Rating : As suitable.

**Read as**

***Minimum KVA rating should be specified - Detailed specifications of Servo Voltage stabilizer should be given.***

4.8 Clause 3.14 Existing

Not provided

**Add as**

***A plume guard on each evaporator and condensing unit should be provided. Position the evaporator unit such that the plume of discharge air at a temperature of less than 2 deg C (for WIC) is clear of shelving units. Provide a removable mesh cage around each evaporator and condenser unit so as to maintain the safe storage zone.***

4.9 Clause 3.15 Existing

Not provided

**Add as**

***Provide internal ceiling-mounted tungsten filament lighting with an external switch and pilot light. The external light and light switch must be fixed to the wall of the cold room enclosure near to the entrance door. The minimum illumination level on the vertical face of the lowest shelves must be 150 lux. Fluorescent lighting shall not be allowed in side the cold room.***

4.10 Clause 3.16 Existing

Not provided

**Add as**

***Temperature recording - An electronic data logger as specified separately and in addition to it a back up gas or vapour pressure dial thermometer should be provided and mounted on the wall of the cold room in an accessible position.***

**5. <u>Technical specifications: Equipment specifications for Refrigerated Truck (Large) Schedule-1:</u>**

5.1 Clause Transverse racking test: Existing

Transverse tracking test should be conducted by placing thermal container on four level support, one under each bottom corner fitting, and should be restrained against lateral and vertical movement by means of anchor devices acting through the bottom apertures of the bottom corner fittings. Lateral restraint shall be provided only at a bottom corner fitting diagonally opposite to and in the same end frame as a top corner fitting to which force is applied. When testing the two end frames separately, vertical restraint should be applied only at the end frame under test. The minimum test load should be 10 ton.

Deleted

**6. <u>Technical specifications: Equipment specifications for Refrigerated Truck (small) Schedule-1:</u>**

6.1 Clause Transverse racking test: Existing

Transverse tracking test should be conducted by placing thermal container on four level support, one under each bottom corner fitting, and should be restrained against lateral and vertical movement by means of anchor devices acting through the bottom apertures of the bottom corner fittings. Lateral restraint shall be provided only at a bottom corner fitting diagonally opposite to and in the same end frame as a top corner fitting to which force is applied. When testing the two end frames separately, vertical restraint should be applied only at the end frame under test. The minimum test load should be 10 ton.

**Deleted**

6.2 Clause Nos. Of cylinders: Existing

In Line 6 Cylinder 4 Stroke Direct Ignition

***Read as***

***In Line 4/6 Cylinder 4 Stroke Direct Ignition***

6.3 Clause:Wheel Base: Existing

Minimum 3800 mm

**Read as**

***Minimum 3600 mm***

**7. <u>Technical specifications: Equipment specifications for Diesel Generating Sets Schedule-1</u>**

7.1 Clause Alternator: Existing

The alternators shall be screen protected drip proof with Min.IP-21 degree of protection as per IS: 4691/85.

***Read as:***

***The alternators shall be screen protected drip proof with IP-21/IP-23 degree of protection as per IS: 4691/85.***

7.2 Clause Diesel Engine: Existing:

Class A-2 governing or better

***Read as:***

***Class A-1/A-2 governing***

7.3 Clause Manual control panels ***:*** ***Deleted***

7.4 Clause 4 (d), AMF control panel: Existing

MCCB of suitable rating shall be provided

***Read as:***

***MCB/MCCB of suitable rating shall be provided (MCB for DG set having capacity of less than 40 KVA)***

7.5 Clause: 4 (11) AMF control panel: Existing

Testing load etc has to be provided by the supplier

***Read as:***

***Testing load shall be provided by the consignee.***

7.6 Clause: Diesel Generating sets with manual control panel: ***Deleted***

**8. Technical specifications: Equipment specifications for Wireless data loggers Schedule-1**

8.1 Clause:Operational details: Existing:

internal memory of 3,000 minimum data points for backup in event of system failure.

***Read As:***

***Internal memory of minimum 10000 data points for backup in event of system failure.***

8.2 Clause: Operational details: Existing:

System should be capable of capturing data from 1 minute to 24 hours

***Read as:***

***System should be capable of capturing data from 1 minute to 90 minutes***

8.3 Clause: Alert System for deviation from High and Low Threshold Temp: Existing:

Alerts are to be generated through phone, fax, email, print out etc. Possibility of connecting to suitable external hooter/buzzer/light.

***Read as:***

***Alerts are to be generated through phone, email, etc. Possibility of connecting to suitable external hooter/buzzer/light.***

8.4 Clause:Requirements: existing:

System is required to be installed at 7 GMSDs with specified locations.

| **GMSD** | **No. of WIFs** | **No. of WICs** |
|---|---|---|
| Karnal | 3 | 1 |
| Delhi | 2 | 1 |
| Chennai | 2 | 1 |
| Kolkatta | 2 | 1 |
| Gawhati | 1 | 1 |
| Hyderabad | 1 | 1 |
| Mumbai | 3 | 1 |

***Read as:***

***System is required to be installed at 5 GMSDs with specified locations***

| **GMSD** | **No. of WIFs** | **No. of WICs** |
|---|---|---|
| Chennai | 3 | 3 |
| Kolkatta | 4 | 3 |
| Guwahati | 1 | 1 |
| Hyderabad | 1 | 1 |
| Mumbai | 5 | 3 |

8.5 Clause: Standards, Safety and Training: Existing

All the components should have national or international approvals like UL, NSF or BIS CE Certificate.

***Read as:***

All the components should have national or international approvals like UL, NSF or CE Certificate.