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STATE HEALTH SOCIETY, BIHAR
Parivar Kalyan Bhawan,
Sheikhpura, Patna-800014



EXPRESSION OF INTEREST

Invitation of application for empanelment of Refrigerator Mechanics for All Districts of Bihar

State Health Society, Bihar (SHSB) invites application to prepare a panel of 3-4 Refrigerator Mechanics for each district of Bihar from ITI passouts with Cooling & Refrigeration trade having their own workshop or, work experience of 2-3 years in Cooling & Refrigeration field. The short listed candidates will be given opportunity to repair & maintain ILRs / DFs installed at different Primary Health Centers, Referral Hospitals, Sub-divisional Hospitals & District Hospitals as and when required. The candidates are also requested to quote the charges inclusive of cost of spare parts for various types of maintenance/repairing already displayed on the website. The lowest one for particular district will be considered viable. The interested candidates need to submit their Bio-Data and relevant papers in sealed envelope subscribing "EOI for Refrigerator Mechanics" latest by 10th September 2010 addressed to Executive Director, State Health Society, Bihar, Parivar Kalyan Bhawan, Sheikhpura, Patna-800014 through registered post/ speed post.

Scope of work & other details can be obtained from our website:
www.statehealthsocietybihar.org.

**Executive Director
State Health Society, Bihar**

SCOPE OF WORK FOR REPAIR AND SERVICE OF DEEP FREEZER (DF) AND ICE LINED REFRIGERATOR (ILR) ARE AS MENTIONED BELOW:

The equipments available in working condition (excluding “Beyond repair” machines) at present are as follows:

- Indian make: Anand Deep freezer – Large :
- Indian make: Anand Deep freezer – Small:
- Indian make: Kripscold Deep freezer – Large:
- Indian make: Kripscold Deep freezer – Small
- Indian make: Krishna Deep freezer – Large:
- Electrolux make 2-in-one (Combination of Deep freezer and ILR in one single unit and is 250 litre capacity) –
- Vestfrost make Deep freezer – (CFC) – Large (300 Litre):
- Vestfrost make Deep freezer – (CFC) – Small (140 Litre):
- Vestfrost make Deep freezer – (CFC Free) – Large (300 Litre):
- Vestfrost make Deep freezer – (CFC Free) – Small (140 Litre):
- Vestfrost make ILR – (CFC) – Large (300 Litre) :
- Vestfrost make ILR – (CFC) – Small (140 Litre):
- Vestfrost make ILR – (CFC Free) – Large (300 Litre):
- Vestfrost make ILR – (CFC Free) – Small (140 Litre):
- Haier make ILR – (CFC Free) – Large (200 Litre):
- Haier make ILR – (CFC Free) – Small (70 Litre):
- Haier make Deep freezer (CFC Free) – Large (286 Litre)
- Haier make Deep freezer (CFC Free) – Large (116 Litre)

1. These Deep freezers and ILRs are installed with working voltage stabilizers and are presently being used for storage of Polio and other vaccines which are used for Routine Immunization, Pulse Polio and freezing of Ice packs.
2. To attend the breakdown calls within normal working hours **within three days but not later than 7 days of receipt of intimation from District Health Society (DHS) / State Health Society (SHS).**
3. Defective equipment will be repaired **ONLY** at the site (District Head Quarter vaccine stores/District Hospital / PHC / any other hospital) and shall not be moved to the mechanic’s workshop.
4. In case of compressor failure, the same will be replaced with a CFC free compressor of equivalent model for VESTFROST and other imported makes. The details of such compressors are as follows:

DANFOSS MAKE

- FR 10 G (For Large DF)
- FR 8.5 G (For Large ILR)
- FR 6 G (For Small DF)
- FR 5G HST (For Small ILR)

For Indian make Deep Freezers the compressor will be the same as used by the supplier company.

5. Gas charging after proper flushing with nitrogen and replacement of filters.
6. Maintenance will be cover the following:
 - Checking of Door seal alignment.
 - Checking of Hinge & Handles with locking arrangement
 - Cleaning the unit.
 - Checking of Refrigerant piping for signs of leaks.

- Checking of compressors & other parts for undue vibrations.
- Cleaning of condensers with air blower.
- Checking the operation of Thermostat/ Electrical connections.
- Checking the connection of Voltage Stabilizer with the Deep Freezer and ILR
- Checking of Door Gasket.
- Checking proper functioning of Digital Meter.

7. Repairing will cover the replacement of the following spares **(if found defective)**

- Door handle
- Hinges
- Thermostat
- Relay
- Over load protector
- Starting capacitor
- Running capacitor
- Starting device assembly
- Indicator panel
- Filter
- Capillary
- Fan motor
- Contactors
- Refrigerant Gas
- Rubber gasket
- Compressor

8. All spare parts of the Deep freezer and ILR (Imported - Vestfrost, Electrolux, Haier, Indian – Anand, Shakti, Krishna and Kripscold) for the entire range of equipment should be available with the mechanic when they attend the complaint in the field.