

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD

PATNA DAIRY PROJECT

PHULWARISHARIF, PATNA 801 505

PHONE :0612-2252542, 2252553, 2251622, E-mail : vpmu.pur@gmail.com

PDP: PUR:FBD : 8862

dt. 28.02.2025

Dear sir


We are interested in purchasing of the following items. In case you can supply the same, you may send your quotation in sealed cover addressed to the Managing Director address given above super scribing on the top of the envelope quotation for items **Instant milk chiller capacity of 3000 litres/hr.** so as to reach us on or before **21.03.2025**

All rates must be **F.O.R Paliganj Chilling Centre** on door delivery basis. (**PR. No . 2300001681 dt. 28.02.25**)

S.No.	Item	Specification	Qty reqd.
1.	Supply, Installation, Testing & Commissioning of Instant Milk Chilling Unit of Capacity 3000 Litres/hr. Make - Ice make / Royal Engineering Works.	As per enclosed Annexure - 01	01 nos

Thanking you,

Yours faithfully,


Manager (MM)

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LIMITED

(PATNA DAIRY PROJECT)

FEEDER BALANCING DAIRY COMPLEX, PHULWARI SHARIF, PATNA, 801505

(AN ISO 22000:2005 CERTIFIED ORGANIZATION)

PHONES: 2252553, 2252542, 2251622, FAX: 0612- 2250 325

E-Mail -vpmunin@gmail.com

GST No – 10AAAV8463B1ZV

ANNEXURE-I

TECHNICAL SPECIFICATION OF SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF INSTANT MILK CHILLING UNIT OF CAPACITY 3000 LITRES/HR. FOR PALIGANJ CHILLING CENTRE.

A) BASIS OF DESIGN:-

- No. of units-One (01) SET.
- Ref. Capacity of Unit – Milk Temp. From 35 Deg C to 15 Deg C.
- Refrigerant - R-22/ R407C
- Electric supply available - 415V, 50Hz. 3PH

B) SCOPE OF SUPPLY:-

1.0 INSTANT MILK CHILLING UNIT COMPLETE/ ONE (01) SET:

1. (a) COMPRESSOR UNIT One (01) set:

Danfoss/ Bitzer make **HERMATICALLY SEALED 'SCROLL' compressor** using FREON-22/ R407C as refrigerant with all accessories voltage- 440 V/50 Hz. / 3 Phase.

(b) CONDENSER:

Shell & tube (MOC: SHELL-MSTUBE-COPPER-GROOVED) type water cooled Condenser.

(c) EVAPORATOR:

Shell & tube (MOC: SHELL-MSTUBE-COPPER-GROOVED) type Evaporator with all accessories.

(d) CONTROLS & INSTRUMENTATION CONSISTING OF FOLLOWING ITEMS:

- Expansion valve.
- Filter drier
- Water flow switch
- Anti freeze switch
- HP-LP switch
- Single phase preventer.
- Digital temp. Indicator & controller.
- Sensors
- Solenoid valve
- Water strainer.
- Pressure gauge.

2.0 INSULATED TANK

1 No. of insulated tank of capacity 1000 liters with puff thickness 65 MM.

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LIMITED

(PATNA DAIRY PROJECT)

FEEDER BALANCING DAIRY COMPLEX, PHULWARISHARIF, PATNA, 801505

(AN ISO 22000:2005 CERTIFIED ORGANIZATION)

PHONES: 2252553, 2252542, 2251622, FAX: 0612- 2250 325

E-Mail vpmunin@gmail.com

GST No – 10AAAAV8463B1ZV

4.0 COOLING TOWER

1 No. of FRP based cooling tower of capacity 50 TR

5.0 CONDENSER PUMP:

1 No. 3 HP 440 volt, 50 Hz.

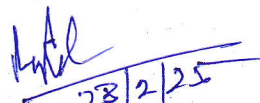
6.0 SECONDARY PUMP:

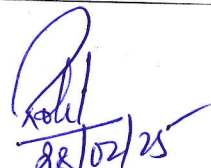
1 No. 2 HP 440 volt, 50 Hz.

C) INSTALLATION, TESTING & COMMISSIONING:

Installation, testing & commissioning of instant bulk milk chilling unit of capacity 3000 liters/hr. for Paliganj chilling centre, Patna, Bihar (complete work.)

APPROVED MAKES		
Sl. No.	ITEMS	MAKE
1	COMPRESSOR with all accessories	DANFOSS / BITZER/ FRASCOLD
2	Electric control panel & Instrumentation	L&T / SIEMENS/ MINILAC/ SUB ZERO
3	PUMPS	LUBI/ Kirloskar brothers/Crompton/ KSB
4	COOLING TOWER	PAHARPUR/ NORTHERN COOLING/ MOTTOTECH


28/2/25
Consultant (ENGG.)


28/02/25
Manager (ENGG.)