

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LIMITED

PATNA DAIRY PROJECT

Feeder Balancing Dairy Complex, Phulwarisharif, Patna-801505

Ph: 0612- 2251622, 2252553, 2252542

Email Id.- vpmu.pur@gmail.com

VPDUSS-SOP-8.5.1.2-01.F02

PDP:PUR:FBD:JICA 11649

DATE- 06.01.2026

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 superscribing on the top of the envelop quotation for item **PANEER COAGULATION VAT 1000LTR** to as to reach as on or before **20.01.2026**.

All rates must be F.O.R FBD, Patna dairy on door delivery basis.

S.No.	Item	Specification	Quantity
1	PANEER COAGULATION VAT 1000LTR. Make - Jaya Industries/Maheshwari Technology/GEMAK Engineering Solution/IDMC	AS PER ENCLOSED SPECIFICATION	01 no.

Note :- Our payment terms is 100% after delivery of material within 30 days of supply.

Delivery :- Within 30 days.

Thanking You

Yours faithfully


Dy. Manager(MM)

MM
VAISHAL PATLIPUTRA DUGDH UTPADAK SAHAJIKARAN LTD.
UNIT: VPMU
PATNA, 800013, Bihar
PHONE: MOBILE: +919037290470
EMAIL:
GSTIN: 10AAAAV8463B1ZV



PURCHASE REQUEST

Doc Number

1900004927

Doc Date

28.08.2025

Status

APPROVE

Last Received Details

Plant: 2100 VPMU – PROCESSING PLANT

Requester Name : ASHUTOSH

Department Name : PRODUCT

Sl No.	Item Code	Material Description	Uom	InStock	Reqd. Qty	Estimated value	Deliv. date	Last PO	Last PO Date	Last PO Qty	Last PO Rate
1	8246907	COAGULATION VAT 1000Ltr.	NO	0	1	0.00	20.09.2025		00.00.0000	0	

Remarks :-

Equipment Description-Paneer vat

Vassel Capacity 1000 Liters working

Installation Indoor

Design Condition- Shell, Jacket

Working Temperature- 90 deg C (shell), 100 deg C (Jacket)

Design Temperature- 100 deg C (shell), 100 deg C (Jacket)

Hydro Test- Water fill up(shell), Water fill up(jacket)

Working Pressure-3kg/cm2(shell), 3.5kg/cm2-testing(jacket)

Vessel Configuration

Type- Horizontal, Triple walled with jacket, Top mounted agitator, Slopy

bottom insulated and Cladded with leg supported vat

Material of Construction and Thickness

Inner Shell-4mm thick, SA240-304

Inner Bottom-4mm thick, SA240-304

Jacket Shell-2.5mm thick, SA240-304

Jacket Bottom-2.5mm thick, SA240-304

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Remarks :-

Over Shell-2mm thick, SA240-304

Outer Bottom-2mm thick, SA240-304

Nozzle Pipe- SA312 TP 304 ERW Pipe

Nozzle Connection- SA182/240-316/304 Plat Flange/Union/Triclover

Leg Support-SA2 TP 304 ERW PIPE

Gasket- Food Grade EPDM/Silicone/Nitrile

Boltes/Nuts-SA193 B8/SA 193 GR8

Insulation-50mm Thick Resing Bonded fiber glass wool having density of

24kg/m3

Vessel Support/Attachments

Leg-76.2mmX2mm Thick pipe with 50mm Adjustable ball feet and floor plate

No. of Legs- 6.00Nos

Top Mounted Agitator

Type Top Mounted Agitator

No. Standard stucture supported with perforated blades(one)

Geased motor-Flangle mounted gear motor

Make of geared notor-PBL/Equivalent

Scaling- Oil Seal

Mounting-Standard Support

Surface Finish

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Remarks :

Internal and External- Orignal 2B mill finish or malt. Polished to 1.06

Ra (150 GRIT)

Inside and outside joint- To be ground smooth and flushed and finish to

1.06 Ra (150 GRIT)

Ms stiffener- Two coats of epoxy primer fter through De rusting.

Fentative nozzle Schedule

S No - N1, Description-Bottom inlet cum outlet, Location-Side,

Size-150mm, Thick-3mm, Type- With Angular Valve

S.No - N2, Description-Water Drain (Jacket), Location-Bottom, Size-1",

Type- With Nipple and ball valve

S.No - N3, Description-water inlet (jacket), Location-Jacket,

Size-38.1mm, Thick-1.6mm, Type- Bs 10 Table "E" Flange

S.No - N4/VB, Description-Over Flow, Location-Side, Size-50.8mm,

Thick-1.6mm, Type- Bs 10 Table "E" Flange

S No - N5, Description-Air vent, Location-Jacket, Size-50.8mm,

Thick-1.6mm, Type- With Bend

S.No - N6/VB, Description-Sparger Connection, Location-Top, Size-50.8mm,

Thick 1.6mm, Type- With Flange

S.No - N7, Description-Thermowell Connection, Location-Jacket, Size-3/4",

Thick 1.6mm, Type- With BSP Socket



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Remarks :-

S No - N8, Description-Milk Inlet(INNER), Location-Jacket, Size-38.1mm,

Thick-1.6mm, Type- With SMS Union

MAKE : Jaya Industries / LEMAK ENGINEERING SOLUTION / MANGESHWARI TECHNOLOGY.
[under: JICA]

SI No

Item Code

Description

Approved By

[Signature]
01/12/25

Store Keeper

Sectional Head

MD/Chief Manager/Manager/Officer Incharge

** This is system generated document does not require signature **