

# Procurement Summary

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Tender ID- 259888

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Organization Name	Gujarat Informatics Limited (A Government of Gujarat Company)
Location	Gandhinagar
Department	Science and Technology
Sub Department	IT Division
IFB/Tender Notice No	2025/Annapurti
Tender Type	Open
Tender title/Name Of Project	Expression of Interest (EoI) For Annapurti - Grain Vending Machines by Food, Civil Supplies and Consumer Affairs Department Block No. 14, 5th Floor, Sachivalaya, Gandhinagar - 382010, Gujarat.
Description of Material/Name of Work	Expression of Interest (EoI) For Annapurti - Grain Vending Machines by Food, Civil Supplies and Consumer Affairs Department Block No. 14, 5th Floor, Sachivalaya, Gandhinagar - 382010, Gujarat.
Sector Category	State Governments & UT
Form of Contract	Works
Product Category	Miscellaneous Works
Tender Category	WORKS
Tender Currency Type	Single
Tender Currency Setting	Indian Rupee
Period of Completion/Delivery Period	As per tender Document Attached
Procurement Type	Works
Consortium / Joint Venture	N/A
Rebate	N/A
Alternate decrypter	N/A

## Calender Details

Bid Document Download Start Date	31-12-2025 19:00
Bid document download End Date	21-01-2026 16:00
Bid Submission Start Date	31-12-2025 19:00
Bid Submission Closing Date	21-01-2026 16:00
Tender NIT View Date	N/A
Remarks	AS PER TENDER
Pre-Bid Meeting Mode	Offline
Pre-Bid Meeting Opening Date	07-01-2026 15:00
Bid validity	180 Days

## Amount Details

Bidding Processing Fee	N/A
Bid Security/EMD/Proposal Security INR	N/A

## Other Details

Officer Inviting Bids	GM (Networking) Gujarat Informatics Limited (GIL) , Gandhinagar
Bid Opening Authority	GM (Networking) Gujarat Informatics Limited (GIL) , Gandhinagar
Address	Block No. 2, 2 nd Floor, C & D Wing, Karmayogi Bhavan, Sector - 10 A, Gandhinagar – 382010.
Contact Details	07923252026/dgmTech-gil@gujarat.gov.in

## Tender Stages

Stage Name	Evaluation Date	Minimum Forms for Submission
TECHNICAL STAGE	21-01-2026 16:05	0
COMMERCIAL STAGE	21-01-2026 16:15	0

### 1. TECHNICAL STAGE

Form Id	Form Name	Form Mode	Submission Type	Mandatory
1671	Technical Submission	User Defined Template-Standard	Single	Yes

### Documents required for Stage - TECHNICAL STAGE

Sr No	Document Name	Mandatory
1	Eligibility Qualification Criteria as per RFP	Yes
2	IF ANY..	No

### 2. COMMERCIAL STAGE

Form Id	Form Name	Form Mode	Submission Type	Mandatory
38634	Commercial Proposal	User Defined Template-Secured	Single	Yes

## Certificate Details

Cert Serial No.	6249a4f3
Subject Dn	'CN=PRAKASH DHOLAKIA, SERIALNUMBER=09b1130c585a74d07cda78ec2aba2c889c2dc839d7996f3ab0a7d6dbf3e155fb, ST=Gujarat, OID.2.5.4.17=382010, OU="gil,CID - 6967772", OID.2.5.4.20=aa2822ae71ecb64df96f85217a73df3ebe4eaf58fd9ced54b2ebc6745eff9741, O=GUJARAT INFORMATICS LTD., C=IN'
Cert Issuer	CN=(n)Code Solutions Sub-CA for DSC 2022, OU=Sub-CA, O=Guarashtra Narmada Valley Fertilizers and Chemicals Limited, C=IN
Thumbprint	7c 1e 68 07 0e 5b 33 91 56 a2 d1 dd ae ad db 91 d7 df fd 4f

## General Terms & Conditions

### General Terms and Conditions

- (1) Bidders can download the tender document free of cost from the website.
- (2) Bidders have to submit Technical bid as well as Price bid in Electronic format only on nprocure website till the Last Date & time for submission.
- (3) Offers in physical form will not be accepted in any case.
- (4) Free vendor training camp will be organized every Saturday between 4.00 to 5.00 P.M. at (n)code solutions-A Division of GNFC Ltd., Bidders are requested to take benefit of the same.

Bidders who wish to participate in online tenders will have to procure / should have legally valid Digital Certificate as per Information Technology Act-2000 (Class-III) using which they can sign their electronic bids. Bidders can procure the same from any of the license certifying Authority of India or can contract (n)code solutions- A division of GNFC Ltd, who are licensed Certifying Authority by Govt. of India.

In case bidders need any clarifications or if training required to participate in online tenders, they can contact (n)Procure Support team:-

(n)code Solutions-IT division of GNFC Ltd.,  
 (n)Procure Cell  
 304, GNFC Infotower, S.G. Road,  
 Bodakdev, Ahmedabad – 380054 (Gujarat)

### +Contact Details

Phone

+91-79-40007517, 40007514, 40007515.

E-mail : nprocure@ncode.in

TOLL FREE NUMBER: 73590 21663

## Tender Documents

Sr No	Document Name	Document Definition
1	Final EoL for Annapurti -Grain vending machines- 3 1.12.2025.pdf	Final EoL for Annapurti -Grain vending machines- 3 1.12.2025.pdf

**Expression of Interest (EoI)**

**For**

***“Annapurti - Grain Vending Machines”***

***by***

**Food, Civil Supplies and Consumer Affairs Department  
Block No. 14, 5<sup>th</sup> Floor, Sachivalaya,  
Gandhinagar - 382010, Gujarat.**

## Notice Inviting Expression of Interest

### 1. INTRODUCTION

The Food, Civil Supplies and Consumer Affairs Department, Government of Gujarat, is committed to strengthening the Public Distribution System (PDS) under the National Food Security Act, 2013, to ensure efficient, transparent, and accessible distribution of essential food grains to over 5 crore beneficiaries across the state. In line with the vision of Digital India and Atmanirbhar Bharat, the Department seeks to modernize its last-mile delivery mechanism by adopting innovative technologies for ration distribution.

To this end, the Department invites Expressions of Interest (EOI) from eligible manufacturers, suppliers, technology providers, and innovators for the supply, installation, and commissioning of **Annapurti Grain Vending Machines** (also known as Grain ATMs). These automated, multi-commodities dispensing machines, inspired by the successful model developed by the World Food Programme (WFP) India, aim to provide 24/7 access to subsidized food grains (such as rice, wheat, and millets) through biometric authentication, reducing waiting times, minimizing spillage/wastage, and enhancing beneficiary convenience.

This EOI is a pre-qualification stage to shortlist capable entities for subsequent Request for Proposal (RFP) and procurement processes. The initiative aligns with Gujarat's focus on nutritional security and efficient PDS operations.

### 2. BACKGROUND AND OBJECTIVES

Gujarat's PDS network comprises over 17,000 Fair Price Shops (FPS) serving diverse urban and rural populations. Traditional manual distribution faces challenges such as long queues, human errors in weighing, and limited operational hours, leading to inefficiencies and beneficiary dissatisfaction. The introduction of Grain vending machines addresses in 34 nos. district locations (Phase-I) by enabling:

- **Universal Access:** Compatible with integration valid PDS ration card or Aadhaar-linked e-Ration Card across India.
- **Efficiency:** Dispensing up to 50 kg of grains in multiple sizes under 5 minutes within acceptable error rate.
- **Transparency:** Biometric (Fingerprint/Iris) authentication integrated with POS systems for real-time tracking.
- **Sustainability:** Modular design, energy-efficient, and solar system compatible with UPS for remote/rural FPS.

#### Key Objectives of this Procurement:

- Overall better & smooth system integration for PDS supply chain.
- Deploy Grain vending/dispensing machine units initially across priority districts with scalability throughout state.
- Reduce PDS operational costs through automation.
- Enhance data analytics for better supply chain management via integration with existing system.
- Promote local manufacturing under Make in India by prioritizing indigenous suppliers.

- Integration with ePos Machine

### 3. SCOPE OF WORK

Interested bidders are expected to demonstrate capabilities in providing end-to-end solutions for Grain vending machine, including but not limited to Supply, Installation, Integration, training, operation and maintenance of infrastructure.

#### 3.1 Key Features Requirement

The proposed solution must support essential requirement indicated below Annexure-A.

Sr no.	Specification	Essential Requirement (ER)
1	Biometric Beneficiary Authentication	Ration card with Face/Fingerprint/Iris/OTP Verification
2	Universal Beneficiary Access	Accepts PDS ration cards nationally
3	Multi-Commodity Dispensing	Rice, Wheat, Toor Dal, Chana, Sugar, Salt, Edible Oil
4	Precise, Automated Grain Weighing	0.5 kg to 50 kg per transaction, error rate $\leq 0.01\%$
5	Modular & Large Storage Capacity	Central commodity (Loosed): 2 Boxes (1000 Kg. + 1000 Kg.) for large-scale dispensing and State Commodities: Other 5 boxes for min. 200 Kg. capacity different packed commodities
6	24/7 Operation & Battery Backup	Continuous service, Min. 2-hour battery backup for equipment, Solar panel connectivity (Solar Optional)
7	Wired/Wireless Internet Connectivity	4G/5G Dongle/Wi-Fi or LAN based connectivity
8	Touchscreen User Interface	Simple, robust UI for all literacy levels in Gujarati and Hindi language; Screen must have integration with POS device for combinations of size selection
9	Transaction Logging & SMS/AePDS Integration	Paper slip + mobile notification + AePDS (Adhaar enabled Public Distribution System) log
10	IoT, GPS, Real-time Inventory Tracking	Location wise real-time monitoring of dispensation
11	Software/Smart PDS ePOS Compatibility	Works with government SMART PDS systems and integration with Govt. ePOS machine provided by dept. All the accessories required for integration with ePos should be considered and provided for. The operating system / digital platform should have capability to integrate with ePOS machine
12	Timely Refill without any gap	Dispensation must be without break and smooth

- Each agency/participant must submit a statement of compliance with essential requirement and provide prescribed test certifications.

### **3.2 Demonstration through Proof of Concept (PoC)**

The proposed solution must be demonstrated to FCS&CA and GIL officials on each requirement. The demonstration may be on simulator or virtual platform for each operation steps with API integration. The demonstration plan will be intimated to participating agencies post EoI submission and preliminary technical evaluation.

## **4. SUBMISSION**

Agencies are invited to submit a proposal on (n)procure platform and arrange for a demonstration of their Grain vending machine solution in accordance with the technical requirements specified.

Before pre bid meeting, the interested parties may visit to Bhavnagar location for existing Annapurti Grain Vending Machine setup on 03/01/2026 and 05/01/2026 after getting appointment from DSO. DSO Contact Details: District Supply Officer, Collector office, Jilla Seva Sadan, Bhavnagar – 364001 The interested parties may visit to Bhavnagar Location for existing annapurti setup.

Each agency must submit a statement of compliance with the minimum technical specifications.

Agency must submit copy of work orders for similar dispensing through digital electromechanical equipment for automated service delivery to end client/customer. The agency must have minimum 10 nos. similar vending/dispensing machine solutions in work order.

Agency has to submit machine diagram with size capacity along with detailed specification of the Grain vending machine and other physical infrastructure required for installation of Solution.

Agency should have capability of supplying and installation of one prototype required machine within 30 days timeframe. The successful bidder will have to supply additional 33 machines.

Agency will be responsible to provide internet connectivity during contract period.

### **4.1 Technical proposal**

- Cover letter expressing interest to participate
- EoI acceptance letter
- Company profile and relevant credentials
- Details of products/solutions offered with datasheets and warranty details
- Case studies/past deployments – work order copy
- Technical brochures/specifications
- Certifications
- Declaration related to non-debarment
- Land Border undertaking for product and organization

## 4.2 Commercial Proposal

- Each participant must submit Detailed Commercial Proposal for vending machine set including:

S. No.	Description	Estimated Capital Expenditure (Capex) with 01-year warranty.	Estimated O&M expenditure (Opex) on rental Basis.
1	Unit price per vending machine with customization	Amount in INR	N/A
2	Warranty terms with period	Amount in INR	N/A
3	Annual Maintenance Contract charges and scope (Manpower)	Amount in INR	Amount in INR
4	Installation and commissioning charges	Amount in INR	N/A
5	Applicable taxes	GST and other applicable taxes on Capex	Applicable taxes on recurring charges (AMC, etc.)
6	Payment terms	Terms related to Capex payments	Terms related to Opex payments

The proposal Validity should be at least six months.

The financial details submitted by the agency shall be considered solely for the purpose of evaluation and shall not, in any manner, be construed as conferring any right or entitlement for the issuance of a work order.

## 4.3 Application Preparation and Submission

- All costs related to proposal preparation and participation in demonstration/testing are to be borne by the agency.
- The demonstration should be provided till successful completion of the PoC at identified premises.
- The agency shall bear all the costs associated with the preparation and submission of its EoI, and Gujarat Informatics Limited (GIL)/ Food, Civil Supplies and Consumer Affairs (FCS&CA) Department will in no case be responsible or liable for these costs, regardless of conduct or outcome of EoI process.
- GIL/FCS&CA Department reserve the right to accept or reject any EoI, and to cancel the EoI process and reject all EoIs at any time, without thereby incurring any liability to the affected Agency or Agencies or any obligation to inform the affected Agency or Agencies of the grounds for GIL's action.
- The department may publish RFP for 5+2 Years after successful completion of EOI on Capex / Rental basis.

**EOI Acceptance Letter** which is a written undertaking that all the terms and condition of the EOI are understood and accepted should be signed and submitted through e-Procurement site (n)Procure: - <https://tender.nprocure.com/>.

**Submission Title: “Annapurti - Grain ATM” for Food, Civil Supplies and Consumer Affairs Department Submitted by: [Agency Name, Address, Contact Phone No.]**

**For further query contact details are as under:**

DGM Tech.,  
Hardware & Networking Division  
Gujarat Informatics Ltd  
Block -2, 2nd floor, Karmayogi Bhavan,  
Sector-10 A, Gandhinagar-382010, Gujarat  
P. No. 079-232-52026

Email Ids: [dgmTech-gil@gujarat.gov.in](mailto:dgmTech-gil@gujarat.gov.in); [mgrhn-itcon@gujarat.gov.in](mailto:mgrhn-itcon@gujarat.gov.in); [manishd@gujarat.gov.in](mailto:manishd@gujarat.gov.in)

## **5. Role of the Agency**

- Supply and Installation at each district (i.e. 34 nos.) within 60+30 days timeline
- The solution must be seamlessly integrated with ePos machines.
- Provide technical support for integration and maintenance of Grain ATMs with the PDS portal
- Demonstrate Solution efficiency as per FCS&CA requirements
- Submit reports as per FCS&CA requirements

## **6. Evaluation**

- All submitted proposals will be evaluated and presented to committee
- All proposals qualified in essential requirements and within range of average commercial pricing will be invited in ~~closed~~ restricted tender participation

## **7. Timelines**

- **Date of Publication of EoI:** – 31/12/2025
- **Field Visit Duration:** on 03/01/2026 and 05/01/2026 with prior appointment
- **Last date for submission of pre-bid queries:** 07/01/2026, 15:00 hrs
- **Date of pre-bid meeting:** 07/01/2026, 15:00 hrs. **Venue:** Committee Room, Food Civil Supplies and Consumer Affairs Department, Block No.14, 5<sup>th</sup> Floor, New Sachivalaya, Gandhinagar.
- **Last date for submission of EoI:** 21/01/2026, 16:00 hrs
- **Date of POC of solution:** 28/01/2025, 11:00 hrs onwards

**EOI ACCEPTANCE LETTER**  
(To be given on Company Letter Head)

Date:

To,

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Sub: Acceptance of Terms & Conditions of EOI.

EOI Reference No: \_\_\_\_\_

Name of EOI: -

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Dear Sir,

1. I/ We have downloaded / obtained the document(s) for the above mentioned 'EOI from the web site(s) namely:

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as per your advertisement, given in the above mentioned website(s).

2. I/ We hereby certify that I/ we have read the entire terms and conditions of the EOI documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc.,), which form part of the EOI and I/ we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.

4. I/ We hereby unconditionally accept the EOI conditions of above mentioned document(s) / corrigendum(s) in its totality / entirety.

5. In case any provisions of this EOI are found violated, then your department/ organization shall without prejudice to any other right or remedy be at liberty to reject this EOI including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,  
(Signature of the firms, with Official Seal)

## **Annexure– I**

**Name of Firm: -**

<b>Sr. No.</b>	<b>Descriptions</b>	<b>Remarks</b>
1.	Name of the Company	
2.	Company's GST and PAN number	
3.	Item Name (Make/Model):	
4.	Complete Postal Address with Pincode:	
5.	Telephone nos. (with country/ area codes):	
6.	Turn over (Average Annual Turnover of the Last Three Financial Years 2022-23, 2023-24, 2024-25)	
7.	Organization Details	
8.	Product /Service details	
9.	BIS Certificate if any	
10.	Technical Brochures and Quality certificates	
11.	Compliance of ERs mentioned in 3.1	
12.	Display and Dispensing capacity details and Operation Manual	
13.	Solution Report	
14.	Any other instructions issued by GoI / GoG and subsequent orders/notifications which is related to equipment should be complied	
15.	OEM authorizations certificates (in case of authorized agent). Self-declaration in case of OEM	

## **Annexure–B**

### **ePOS Machine Indicative Specifications:**

- Please find UIDAI certified L1 Device POS Machine Specifications: On UIDAI Website.

### **Annexure-C**

#### **Commodity Distribution Table:**

Commodity	Loose Distribution Size (kg)	Packed distribution Size (kg)
Sugar		1 kg
Toor Dal		1 kg
Chana		1 kg
Salt		1 kg
Edible Oil		1 litre Pouch

### **Annexure-D**

#### **Solution Demonstration / PoC Directive**

All parameter/Specifications mentioned in the ERs will be checked by board of officers by ascertaining /verifying following checks. The locations for POC will be intimated to the agencies after the EOI Closing date.

**Physical Check:** -In this category specifications will be checked physically as per ERs.

**Functional Check:** -The vendors will show all features/configuration of the automation solution to the board of officers during technical evaluation.

**Submission of Certificate:** -Specification which cannot be checked due to lack of testing facilities expertise, a certificate of test shown against each will be provide by firm during physical trial of equipment.

Annexure-D Tentative Area		
S.No.	District	Place for placing the Annapurti machine
1	Ahmedabad (Ahmedabad City)	Vatva Zonal Office, Parking Area, Prant Office, Daskroi, Vastral Road
2	Amreli	Store Room, Ground Floor, Multi-storied Building, Opposite District Service, Amreli
3	Aravalli	New Lakshmi Society, Beside Manekba Society, M.P.T.Modasa, G.Aravalli
4	Anand	Chikhodara
5	Kheda	Near Sharda Mandir School, Old Dumral Road, Nadiad.
6	Gandhinagar	Dahegam City Taluka Panchayat Office, Dahegam
7	Chhota Udepur	Vasana
8	Junagadh	Lirbaipara, Gandhigram, Junagadh.
9	Dang	Dang Central Co-operative Society Ltd. Operated Fair Price Shop, Ahwa-2, Main Road, Bus Stand, Near Ahwa, T. Ahwa.
10	Dahod	The Dahod Co-operative kharid vechan Society, building owned by the society at Navagam Ganatal, Moje.Navagam, T.D.Dahod.
11	Devbhoomi Dwarka	Khambhaliya
12	Narmada-Rajpipla	Pratapnagar, Nandod.
13	Navsari	Sagunanagar, Vijalpur, Navsari.
14	Panchmahal	Agricultural Market Production Committee, Shahra House No.2115/9, Moje.Shahra, T.Shahra.
15	Patan	Khimiyan
16	Porbandar	Government grain godown, Wadi plot, Porbandar.
17	Banaskantha	Moti Bazaar, Pathar Sadak Road, Palanpur.
18	Bharuch	Moje-Vadadala Ta-Bharuch Ji-Bharuch
19	Bhavnagar	Beside BMC West Zonal Office, Chitra, Bhavnagar.
20	Mahisagar	Plot Market, Dena Bank Road, Santrampur.
21	Mehsana	House No.895, Old Rawal Was, M.Jetral, T.Vijapur.
22	Morbi	Market Chowk, Wankaner.
23	Rajkot	Srinagar, Street No. 3, Behind Anand Nagar Colony, Rajkot.

24	Valsad	Kailash Road, Opposite Owara Primary School, Pardi, Sandhpore.
25	Sabarkantha	Mahamandir area, near Khadia, Himmatnagar.
26	Surat	Shri Navapura Golvad Co.O Stores Ltd. Navapura, Kanbi Street, Surat.
27	Surendranagar	Near vanakar Samaj Bhavan, Joravarnagar,
28	Vav-Tharad	Junaganj Bazar, Tharad.
29	Kutch	Bhuj Hat, Opposite Reliance Mall, Mundwa Road, Bhuj-Kutch
30	Vadodara	Mahila Bhajan Mandal Kishanwadi, Opposite Police Post, Vadodara.
31	Tapi	Songadh
32	Gir Somnath	M. Talala, T. Talala.
33	Jamnagar	Kamdar Kalyan Kendra, Shankar sheri, Jamnagar.
34	Botad	Ranchhodhbhai Bhurabhai Khatana, near Surendranagar road, M. Paliad, T. Botad, G. Botad