





# Ministry of Electronics & Information Technology

**Government of India** 

About NIC &
Over view of GePNIC
System
20th September 2018



## **National Informatics Centre**



Prime builder of e-Government/ e-Governance applications (grass root level and up)

Spearheaded "Informatics-Led-Development" by implementing ICT applications in Social & Public Administration

Established in 1976

Facilitated **electronic delivery of services to** the Government **(G2G)**,
Business **(G2B)**, Citizen **(G2C)** and
Government Employee **(G2E)** 

Presence in Central Government
Ministries/ Departments, ALL States/
UTs and Districts of India



## Mandate of NIC, Government of India



**Technology Partner of the Government** 

**Provide ICT Infrastructure on demand** 

**Design & Develop IT Systems for Government** 

**Explore & Advise on different dimensions of ICT in Govt** 



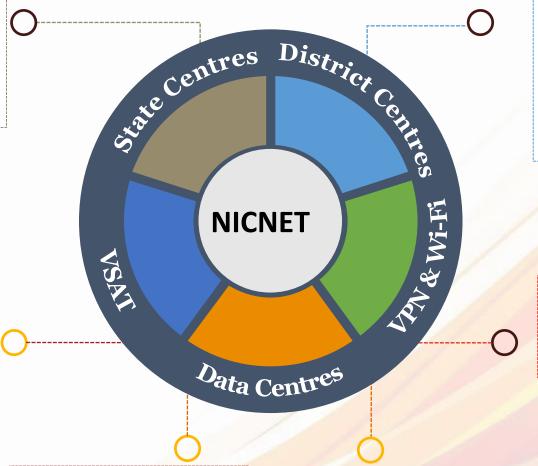


## **NICNET: Nation Wide Government Network**



National long distance high speed (multiple 10 Gbps) leased data circuits to state capitals

at 100+



Connectivity from
State Capitals to
Districts using 34/100
Mbps/ 1Gbps leased
circuits

Connects National Data Centers on high speed network

Secure access through VPN

Secure Wi-Fi Services

**VSAT** services

locations



## **National Data Centres of NIC**



IDC Delhi (2002)

NDC Hyderabad (2008)

NDC Pune (2010)

NDC SP Delhi (2011)

NDC Bhubaneshwar (2018)

Mini- Data Centres





## **List of Digital Solutions Developed by NIC**



E-Office – A Digital Workplace Solution

2 E-Procurement – A Digital Public Procurement Solution

E-Transport – Easing Transport
Services with Digital

E- Hospital – Digital Solution for Simplifying Healthcare Service Delivery

E-Counselling – Simplifying the Admission Process

Service Plus – e-Service Delivery & Grievance Redressal Framework

E-Prison – Digital Innovation in Prison Management

Manav Sampada – E-Tool for Human Resource Management

DARPAN – Dashboard for Analytical Review

BhuNaksha— Digital Mapping to Simplify Land Management

ReALCraft – Registration and Licensing of Fishing Craft





## **E-Procurement – A Digital Public Procurement Solution**

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GePNIC (Government e-Procurement System of NIC) addresses the procurement/tendering requirements of various government departments and organisations.

GePNIC enables a bidder organization to access the tender documents online and receive the bid alerts on email and SMS. It also shortens the procurement cycle and enable Procuring entities to generate dynamic reports

GePNIC can be easily adopted for all kinds of procurement activities such as goods, services and works.

GePNIC follows tender rules, general financial rules and periodic tendering guidelines issued by the Central Vigilance Commission (CVC), the World Bank and the Asian Development Bank (ADB).





## **E-Procurement – A Digital Public Procurement Solution**



## Benefits of Digital Public Procurement

#### For buyers

- Simplified, fast and efficient process with full transparency
- Standardisation of procurement processes across government departments
- Digital signature ensures integrity and authenticity
- Shortened procurement cycle with minimisation of human errors
- Ensures probity in government process and generates dynamic reports
- Reduces litigations/complaints
- Vendor portfolio displays performances of participating organisations

GePNIC



For sellers:

- 24X7 access to tender documents and their synopsis
- User-friendly process with free portal registration and participation
- Robust, fair and transparent system with anonymity in bid submission
- Facility to witness online bid opening and availability of document repository
- Resubmission/withdrawal within the timeline

## Highlights

- RFP/ RFQ/ EOI/ Global tenders with multicurrency/ open/ single/ limited/ tender cum auction (eRA)/ rate contract
- Automated tendering process eliminates manual intervention
- Quality and cost based system with facility for online payment and refund
- Forward and reverse auction, vendor management and automatic comparative charts
- Tender status in public domain ensures complete transparency





## **BACKGROUND**



National Informatics Centre, MeitY has developed e-Procurement software system (GePNIC) as a product in consultation with Procurement Policy Division, DoE, Ministry of Finance for facilitating electronic Procurement in Government.

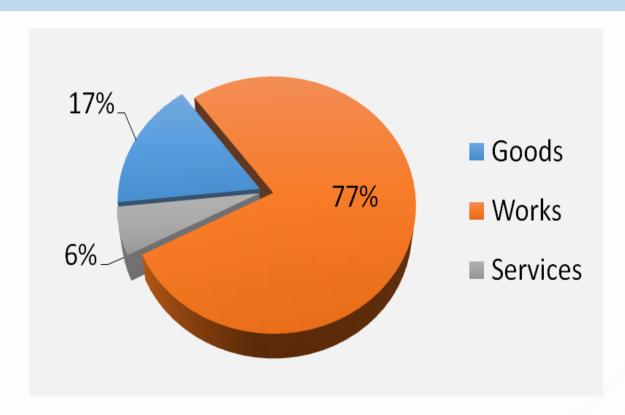
- ☐GePNIC has evolved over the last 10 years and is a stable, matured product now.
- □Used by 27 States & Union Territories and over 400 Central Government Procuring Entities
- □spanning over 44 Live instance. It also includes eAuction which is being extensively used by 6 States covering 6,000 (Multilot and Single Lot Auctions) worth ₹ 6,635 Cr (USD 921.53 Millions.
- 1 USD is approx 72 Rs.)
- ❖ Tenders published in this FY is and 5,02,726 (.50 Million) total value worth ₹ 823019.23 Cr. (USD 114,308 Million)
- ❖ 35,99,378 (3.5 Million) e-Tenders processed worth ₹ 55,06,328.82 Cr ( USD 764,767.89 Million)
- ❖since inception.

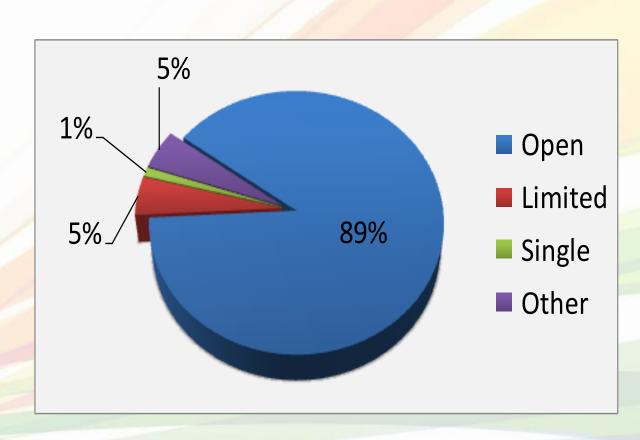
Y	ear	Electronic	Value of Tenders	% Increase over previous	Average	tenders	in	a
		Tenders	( <b>₹ In Cr.</b> )	year	Month			
	2017-18	11,11,230	19,58,787.38	62.94%			92,60	3
	2016-17	6,81,971	8,90,968.84	32.72%			56,83	1
	2015-16	5,13,842	6,92,177.78	66.37%			42,82	.0



## e-Procurement – GePNIC at a Glance



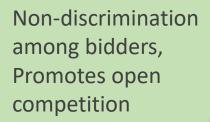






# **Objectives Of The System**





Enhanced Transparency Expanding the accessibility of Tender Notice / advertisement





Compliance with Govt. regulation and guidelines like GFR 2017, CVC, WB, ADB, State Procurement Act





Accountability of all activities

Secured Bid Submission using PKI Technology





# Features of GePNIC eProcurement System



- Single product, configurable workflow with selective features.
- Caters to Goods, Works & Services
- Facilitates RFP /RFQ/EOI/Global tenders with Multi Currency/ Open /Single /Limited / Reverse-Forward Auction / QCBS/RC.
- Configurable Technical Parameter sheet with Auto tendering process with No manual intervention, Item wise evaluation, General Technical Evaluation
- Online Tender Fee, EMD Payment and automatic Refund
- Vendor Management including Debarment along with Vendor Portfolio indicating performance across participated organisation.
- Automatic Comparative charts.
- Complete transparency thru Tender Status in Public Domain
- SMS-Mail alerts/Mobile App/Dashboard
- Grievance Escalation

- Two factor authentication
- Bid encryption (Technical & Financial) at client end using PKI Technology
- Digital Signing of all documents
- Data Secured on transit using SSL
- Secured Hosting in ISO 27001:2013 & 20000-1:2011
   Certified Data Centre
- Role based access system
- Log shipping, NTP configured
- Replication of data & backup facility.
- 24 X 7 availability of the system
- Periodic audits by STQC as per EPS guidelines
- Web Service for push/pull of Data with external entities such as CCA, NTP, GeM, Railways, MSME.

**Functional** 

**Security** 



# **Major Users of GePNIC**



## **Major Ministries / Depts.**

- Indian Army across the country
- Military Engineering Services (Pan India)
- Defense Research and Development Organisation
- Border Roads Organisation
- MHA & 7 CAPFs viz BSF, ITBP, CRPF, CISF, SSB
- · Delhi Police, NDRF, CBI,IB
- Min of Road Transport & Highways including NHAI
- President's Secretariat, PMO
- · CGHS, MSO
- Dept of Posts / Telecommunication
- Delhi University, IIT Delhi, JNU, BHU, IIM- Ahmedabad, etc
- Department of Science and Technology including CSIR

## **Major PSUs**

- Coal India Limited & its eight Subsidiaries , Singareni Collieries Company Limited
- · Indian Oil Corp Ltd
- · NTPC Ltd, NHPC Ltd
- Numaligarh Refineries
- · Engineers India Limited
- · Delhi Development Authority
- · Airport Authority of India
- Bharat Sanchar Nigam Limited
- · Delhi /Chennai Metro Rail Corporation
- Goa Shipyard Limited
- · Hindustan Shipyard Limited
- · Mishra Dhatu Nigam Limited
- Mazagon Dock Limited
- · Bharat Electronics Limited
- · Chennai Petroleum Corp Ltd
- · Vizag Port Trust, Bridge & Roof

### 27 States and UTs

- Maharashtra,
- Odisha ,West Bengal
- · NCT of Delhi, Kerala, Rajasthan,
- · Haryana, Jharkhand,
- · Jammu & Kashmir,
- · Himachal Pradesh,
- · Tamil Nadu,
- · Uttar Pradesh, Uttarakhand,
- Puducherry,
- Chandigarh UT,
- · Dadra & Nagar Haveli,
- · Daman & Diu
- · Lakshadweep,
- · Assam,
- · Sikkim, Manipur,
- · Punjab, Tripura,
- · Meghalaya, Mizoram,
- · Arunachal Pradesh,
- · Nagaland

## Central Public Procurement Portal

Active Tenders

Tenders By Closing Date Active Corrigendums Results of Tender Contact Us

eProcurement System Government of India - Helpdesk nos.- 0120-4200462, 0120

27935

**Active Tenders** 

2493

Tenders Opening Today

2194

**Tenders Closing Today** 

#### OMs/GOs/Others

Instructions related to CPPP

Make in India Order

MSME order 2012

**Rules and Procedures** 

Downloads

Newsletters

CPPP Annual Report 2016-2017

Photo Gallery

**CPPP National Workshop** 2017-2018

**Grievances-Procurement** 

Grievance/Suggestions

#### Debarment

**Debarred Bidders Search** 

#### **Cancelled Tenders in CPPP**

**Cancelled Tenders** 

Search Tender in other portals

Active Tenders - States/UT

Bid / RA Notices GeM

**Government of India Central Public Procurement Portal** 

The Central Public Procurement Portal of Government of India facilitates all the Central Government Organizations to publish their Tender Enquiries, Corrigendum and Award of Contract details. The primary objective of this portal is to provide a single point access to the information on procurements made across various central government organizations.

## ePublish / eProcure ePublishing eProcure

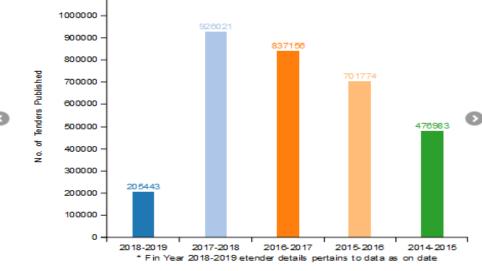
#### Help About Portal Help for Dept Users Training Details XML Upload steps(39.4KB pdf)

#### FAQ FAQ

	Calendar									
	<<		>>							
	Sun	Mon	Tue	Wed	Thu	Fri	Sat			
	1	2	3	4	5	6	7			
	8	9	10	11	12	13	14			
)	15	16	17	18	19	20	21			
	22	23	24	25	26	27	28			
	29	30	31							



#### Fin. Yearwise No. of eTenders Published







# **Support & Capacity Building Measures**



24 X7 X 365 Telephonic Help Desk for Technical Support –Load 1200 calls per day.

Daily Web Learning facility is available on different topics <a href="http://webcon.nic.in">http://webcon.nic.in</a>.

Dedicated Email Support for Technical queries (support-eproc@gov.in / cppp-nic@nic.in)

**Regular Class Room based training** at National Institute of Financial Management, Faridabad as part of Management Development Programme on Public Procurement

On site comprehensive training by NIC experts for Department/Organisation implementing eProcurement in project mode.

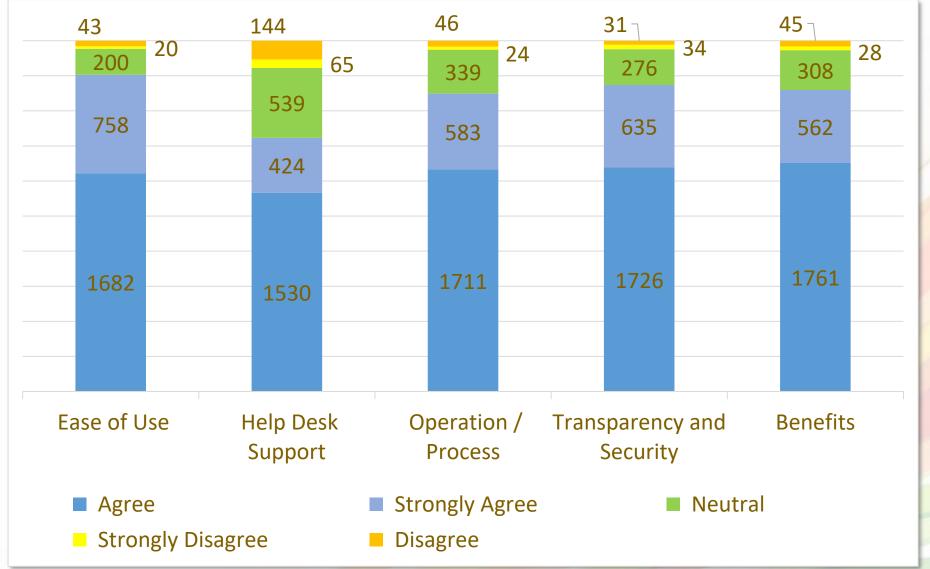
NICSI **empanelled agencies** to provide continuous handholding support at user premises on payment basis.





# Bidder's survey result - No. of Ratings Received





# **Survey Details**

- The survey was conducted for 12 days
- Total No. of Bidder's participated in survey were 2,703 in count
- Questions were asked under five major headers and taken feedback on basis of Likert scale.



## Recognitions



South Asian Procurement Innovation Award – 2018 – International Award By World Bank

GEMS of India Award for Central Public Procurement Portal - 2017

Two Skoch Award for Smart Governance in Sep 2015 and also in 2010

GePNIC bags eIndia 2014 for Govt. of Kerala and MCL

CSI Nihilent eGovernance Award 2017- CPP portal and 2013 - Govt. of Kerala

eMaharashtra 2013 - Govt. of Maharashtra

CII-IT Award 2011 Odisha for Mahanadi Coalfields Ltd.

eProcurement in Odisha bagged G2B Initiative of the year 2009 - eIndia Award







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# THANK YOU

