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## **NOTICE INVITING TENDER**

**TENDER FOR NIR API INTEGRATION FOR IRINN**

### **CRUCIAL DATE SHEET**

<b>STAGES OF TENDER</b>	<b>TENDER FOR NIR API INTEGRATION FOR IRINN</b>
<b>Bid Submission Start Date</b>	<b>28-06-2023</b>
<b>Last Date for bid submission</b>	<b>13-07-2023 (3:00 P.M)</b>
<b>Opening of Technical Bid and evaluation</b>	<b>13-07-2023 (3:30 P.M)</b>

**Notes:**

- 1. Any tender received by the Employer after the deadline prescribed in submission date will be returned unopened to the Tenderer.**
- 2. The suggestions received will be referred to the committee and will be incorporated if found justified after the approval of the Competent Authority.**

## TENDER AT A GLANCE

<b>TITLE OF TENDER</b>	<b>TENDER FOR NIR API INTEGRATION FOR IRINN</b>
<b>NATURE OF TENDER</b>	<b>PUBLIC</b>
<b>SCOPE OF TENDER</b>	<b>DOMESTIC</b>
<b>MODE OF BIDDING</b>	<b>TWO BID SYSTEM</b>
<b>TYPES OF BID</b>	<b>1) TECHNICAL BID 2) FINANCIAL BID</b>
<b>EVALUATION CRITERIA</b>	<b>THE LOWEST BIDDER WILL BE CONSIDERED</b>
<b>TENDER FEES</b>	<b>Rs 2,000/-</b>
<b>EARNEST MONEY DEPOSIT</b>	<b>Rs.12,000/-</b>
<b>SECURITY DEPOSIT (SD)</b>	<b>SECURITY DEPOSIT @ 6%</b>
<b>FREIGHT &amp; HANDLING</b>	<b>NOT APPLICABLE</b>
<b>DELIVERY LOCATIONS</b>	<b>ALL INDIA</b>
<b>VALIDITY OF TENDER</b>	<b>90 DAYS FROM DATE OF OPENING OF TECHNICAL BID</b>
<b>DESCRIPTION</b>	<b>NIXI/011/IT/019/2021</b>

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## **I. NIXI OVERVIEW**

The National Internet Exchange of India (NIXI) is a non-profit Company incorporated under Section 25 of the India Companies Act, 1956 (now section 8 under Companies Act 2013) with an objective of facilitating improved internet services in the country. NIXI was registered on 19th June, 2003 and performs three operations -

**National Internet Exchange of India (NIXI)** was set up for peering of ISPs among themselves for routing the domestic traffic within the country, instead of taking it all the way to US/Abroad, thereby resulting in better quality of service (reduced latency) and reduced bandwidth charges for ISPs by saving on International Bandwidth. NIXI is managed and operated on a Neutral basis, in line with the best practices for such initiatives globally.

Website – [www.nixi.in](http://www.nixi.in)

**.IN Registry** is India's Country Code Top Level domain (ccTLD). The Govt. of India delegated / authorized the operations of .IN Registry to NIXI in 2005. The IN Registry operates and manages India's .IN ccTLD. Now .IN domain names are available to anyone on first- come-first-served basis.

Website – [www.registry.in](http://www.registry.in)

**.IN Registry and Internationalized Domain Names (IDNs):** Since 2005, NIXI also manages the .IN Registry ([www.registry.in](http://www.registry.in) ) including 15 IDN TLDs (in 22 official languages). At present, 153 Registrars have been accredited to offer .IN domain Name registration worldwide to customers. This has helped proliferation of web hosting in the country and promotion of Indian language content on the Internet.

IDN's in Hindi, Bodo, Dogri, Konkani, Maithili, Marathi, Nepali Sindhi, Bangali, Gujarati, Manipuri, Punjabi, Tamil, Telugu and Urdu languages were launched during the year 2014-15. The General availability of all the remaining Indian languages i.e. Assamese, Kannada, Oriya, Malayalam, Santali, Sanskrit, Sindhi, Kashmiri started from 15th July, 2020

**Indian Registry for Internet Names and Numbers (IRINN)** in India that provides allocation and registration services of IP addresses and AS numbers, and contributes to the society by providing Internet-related information as a non-profit, affiliation-based organization, and performing research, education and enlightenment activities. IRNN is a division functioning under NIXI and provides allocation and registration services of Internet Protocol addresses (IPv4 & IPv6) and Autonomous System numbers to its Affiliates. It is a not-for-profit, Affiliates based entity, with the primary goal of allocation of Internet resources to its Affiliates.

Website – [www.irinn.in](http://www.irinn.in)

## **II. SCOPE OF WORK**

### **NIR API integration and development for IRINN- Affiliates**

#### **1. Requirement**

NIXI looking to redevelop the exiting admin dashboard based micro-service and distributed environment system.

1. Account
  - a. Myprofile
  - b. Change Password
  - c. Add Account
  - d. Your Account Details
2. My Membership Applications
  - a. Membership Applications form with KYC upload/verify feature
  - b. Corporate Contact Form to details update request to IRINN  
[Listing of request at user and admin and
3. Whois
  - a. Whois View
  - b. Rest NIR API integration
  - c. Add/Delete/Update Operation
  - d. Realtime Update with API
4. View & Manage Resource
  - a. Allocation/deallocation of block
5. Resource
  - a. Allocated block
  - b. Remove Assignment
  - c. New Assignment
  - d. Change to Private/ Public
  - e. View Assignment
6. Transfer Resources
  - a. Transfer Type
7. Administration
  - a. Billing History
  - b. Annual Fee Calculator
8. Tools
  - a. IPv6 Sub-netting
  - b. Fee Calculator
  - c. Resource Delegation From NIR Pool

Delegate resources to subaccounts from the NIR pool.

- d. Resource Delegation From APNIC Pool

Delegate resources to subaccounts from the APNIC pool.

- e. Sub-account Management [Add, edit, and delete subaccounts.]
- f. Sub-account Transfers[**Transfer resources from one subaccount to another.**]

## 2. Hardware Interfaces

This application will run on the Kubernetes orchestration concept. Code will execute in the Docker Container.

## 3. Software Interfaces

- a. *Backhand*
  - i. **Name: Spring Boot**
  - ii. **Version: Latest**
- b. **Frontend**
  - i. Angular
  - ii. Version: Latest
- c. Database Relational DB
  - i. DB: MySql
  - ii. Version: Latest
- d. Database NoSql
  - i. DB: Redis
  - ii. Version: Latest
- e. Message Que:
  - i. Kafka
  - ii. Version: Latest

## 4. Memory Constraints

As per the Google Kubernetes Expert team recommend do not assign more than 2 Core vCPU and 10GB RAM.

## 5. Performance Requirements

- 95% of the transactions shall be processed within 200ms
- One microservice should handle minimum 50 request per second.

## 6. Kafka Data Flow

- Request need to Que to Kafka only once Client status and Token validated.
- All the request need to que to certain topic only.
- If Kafka get outage data need to be inserted in MySql.

## 7. Redis Data Flow

- Need to validate client and token status from Redis

## 8. CI/CD Pipeline

- Dev & Staging
- Test
- Production

## 9. Availability

The system should be high availability with the motive of ZERO downtime.

## 10. Security

- Rate Limit as per the client defined
- Token Base request verification
- Spam request

## 11. Log at the Proper Level

Here I've given some advice:

- **TRACE level:** this is a code smell if used in production. This should be used during development to track bugs, but never committed to your VCS.
- **DEBUG level:** log at this level about anything that happens in the program. This is mostly used during debugging, and I'd advocate trimming down the number of debug statement before entering the production stage, so that only the most meaningful entries are left, and can be activated during troubleshooting.
- **INFO level:** log at this level all actions that are user-driven, or system specific (ie regularly scheduled operations...)
- **NOTICE level:** this will certainly be the level at which the program will run when in production. Log at this level all the notable events that are not considered an error.
- **WARN level:** log at this level all events that could potentially become an error. For instance if one database call took more than a predefined time, or if an in-memory cache is near capacity. This will allow proper automated alerting, and during troubleshooting will allow to better understand how the system was behaving before the failure.
- **ERROR level:** log every error condition at this level. That can be API calls that return errors or internal error conditions.
- **FATAL level:** too bad, it's doomsday. Use this very scarcely, this shouldn't happen a lot in a real program. Usually logging at this level signifies the end of the program. For instance, if a network daemon can't bind a network socket, log at this level and exit is the only sensible thing to do.

## 12. Employ the Proper Log Category

Most logging libraries I cited in the first tip allow you to specify a logging category. This category allows us to classify the log message, and will ultimately, based on the logging framework configuration, be logged in a distinct way or not logged at all.

Most of the time Java developers use the fully qualified class name where the log statement appears as the category. This is a scheme that works relatively fine if your program respects the simple responsibility principle.

Log categories in Java logging libraries are hierarchical, so for instance logging with category `com.daysofwonder.ranking.ELORankingComputation` would match the top level category `com.daysofwonder.ranking`. This would allow the ops engineer to set up a logging configuration that works for all the ranking subsystem by just specifying configuration for this category. But it could at the same time, produce logging configuration for child categories if needed.

We can extend the paradigm a little bit further to help to troubleshoot the specific situation.

Imagine that you are dealing with a server software that responds to user based request (like a REST API for instance). If your server is logging with this category `my.service.api.<apitoken>` (where `apitoken` is specific to a given user), then you could either log all the API logs by allowing `my.service.api` or a single misbehaving API user by logging with a more detailed level and the category `my.service.api.<bad-user-api-token>`. Of course, this requires a system where you can change logging configuration on the fly.

### **13. Write Meaningful Log Messages**

This might probably be the most important best practice. There's nothing worse than cryptic log entries assuming you have a deep understanding of the program internals.

When writing your log entries messages, always anticipate that there are emergency situations where the only thing you have is the log file, from which you have to understand what happened. Doing it right might be the subtle difference between getting fired and promoted.

When a developer writes a log message, it is in the context of the code in which the log directive is to be inserted. Under these conditions, we tend to write messages that infer on the current context. Unfortunately, when reading the log itself this context is absent, and those messages might not be understandable.

One way to overcome this situation (and that's particularly important when writing at the warn or error level), is to add remediation information to the log message. Or if that's not possible, what was the purpose of the operation and its outcome.

Also, don't add a log message that depends on a previous message's content. The reason is that those previous messages might not appear if they are logged in a different category or level. Or worse, they can appear in a different place (or way before) in a multi-threaded or asynchronous context.

### **14. Write Log Messages in English**



This might seem a strange piece of advice, especially coming from a French guy. First, I still think English is much more concise than French and better suits technical language. Why would you want to log in French if the message contains more than 50% English words?

This being put aside, here are the essential reasons behind this practice:

English means your messages will be in logged with ASCII characters. This is particularly important because you can't really know what will happen to the log message, nor what software layer or media it will cross before being archived somewhere. If your message uses a special charset or even UTF-8, it might not render correctly at the end, but worst it could be corrupted in transit and become unreadable. Still remains the question of logging user-input which might be in diverse charset and/or encoding.

If your program is to be used by most and you don't have the resources for a full localization, then English is probably your best alternative. Now, if you have to localize one thing, localize the interface that is closer to the end-user (it's usually not the log entries).

if you localize your log entries (like for instance all the warning and error level), make sure you prefix those by a specific meaningful error-code. This way people can do a language-independent Internet search and find information. Such a great scheme has been used a while ago in the VMS operating system, and I must admit it is very effective. If you were to design such a scheme, you could adopt this one: APP-S-CODE or APP-S-SUB-CODE, with respectively:

- APP: your application name on 3 letters
- S: severity on 1 letter (ie D: debug, I: info...)
- SUB: the sub part of the application this code pertains to
- CODE: a numeric code specific to the error in question

## **Online portal for existing IRINN Affiliates to submit their Who-is update request**

**Scope of work-** IRINN need to develop an online portal for existing Affiliate in which they can enter their Whois records and it will be saved in IRINN DB and also sync with APNIC DB as per the format accepted by APNIC DB.

The existing objects are mentioned below:

### **1. Person:**

#### **Object Template**

The object template includes information on how to complete the attribute values.

	<b>Status</b>	<b>Instance</b>	<b>Search Status</b>
<b>person:</b>	[mandatory]	[single]	[lookup key]
<b>address:</b>	[mandatory]	[multiple]	[ ]
<b>country:</b>	[mandatory]	[single]	[ ]
<b>phone:</b>	[mandatory]	[multiple]	[ ]
<b>fax-no:</b>	[optional]	[multiple]	[ ]
<b>e-mail:</b>	[mandatory]	[multiple]	[lookup key]
<b>remarks:</b>	[optional]	[multiple]	[ ]
<b>notify:</b>	[optional]	[multiple]	[inverse key]
<b>abuse-mailbox:</b>	[optional]	[multiple]	[inverse key]

mnt-by: [mandatory] [multiple] [inverse key]  
source: [mandatory] [single] []

## 2. role: Object Template

The object template includes information on how to complete the attribute values.

**Status Instance Search Status**

**role:** [mandatory] [single] [lookup key]  
address: [mandatory] [multiple] []  
country: [mandatory] [single] []  
phone: [mandatory] [multiple] []  
fax-no: [optional] [multiple] []  
e-mail: [mandatory] [multiple] [lookup key]  
admin-c: [mandatory] [multiple] [inverse key]  
tech-c: [mandatory] [multiple] [inverse key]  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
abuse-mailbox: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
source: [mandatory] [single] []

## 3. route

### Object Template

The object template includes information on how to complete the attribute values.

**Status Instance Search Status**

**route:** [mandatory] [single] [primary/lookup key]  
descr: [mandatory] [multiple] []  
country: [optional] [single] []  
origin: [mandatory] [single] [primary/inverse key]  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
mnt-routes: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
source: [mandatory] [single] []

## 4. route6

### Object Template

The object template includes information on how to complete the attribute values.

**Status Instance Search Status**

**route6:** [mandatory] [single] [primary/look-up key]  
descr: [mandatory] [multiple] []  
origin: [mandatory] [single] [primary/inverse key]  
holes: [optional] [multiple] []  
org: [optional] [multiple] [inverse key]  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
mnt-routes: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
source: [mandatory] [single] []

## 5. as-set

### Object Template

The object template includes information on how to complete the attribute values.

**Status Instance Search Status**

**as-set:** [mandatory] [single] [primary/lookup key]  
descr: [mandatory] [multiple] []  
country: [optional] [single] []  
members: [optional] [multiple] []  
remarks: [optional] [multiple] []  
tech-c: [mandatory] [multiple] [inverse key]  
admin-c: [mandatory] [multiple] [inverse key]  
notify: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
source: [mandatory] [single] []

## 6. domain

### Object Template

The object template includes information on how to complete the attribute values.

**Status Instance Search Status**

**domain:** [mandatory] [single] [primary/lookup key]  
descr: [mandatory] [multiple] []  
country: [optional] [single] []  
admin-c: [mandatory] [multiple] [inverse key]  
tech-c: [mandatory] [multiple] [inverse key]  
zone-c: [mandatory] [multiple] [inverse key]  
nserver: [optional] [multiple] [inverse key]  
notify: [optional] [multiple] [inverse key]

mnt-by: [mandatory] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
source: [mandatory] [single] [ ]

## 7. aut-num

### Object Template

	Status	Instance	Search Status
<b>aut-num:</b>	[mandatory]	[single]	[primary/look-up key]
as-name:	[mandatory]	[single]	[ ]
descr:	[mandatory]	[multiple]	[ ]
country:	[mandatory]	[single]	[ ]
member-of:	[optional]	[multiple]	[inverse key]
import-via:	[optional]	[multiple]	[ ]
import:	[optional]	[multiple]	[ ]
mp-import:	[optional]	[multiple]	[ ]
export-via:	[optional]	[multiple]	[ ]
export:	[optional]	[multiple]	[ ]
mp-export:	[optional]	[multiple]	[ ]
default:	[optional]	[multiple]	[ ]
mp-default:	[optional]	[multiple]	[ ]
remarks:	[optional]	[multiple]	[ ]
org:	[mandatory]	[single]	[inverse key]
admin-c:	[mandatory]	[multiple]	[inverse key]
tech-c:	[mandatory]	[multiple]	[inverse key]
abuse-c:	[optional]	[single]	[inverse key]
notify:	[optional]	[multiple]	[inverse key]
mnt-lower:	[optional]	[multiple]	[inverse key]
mnt-routes:	[optional]	[multiple]	[inverse key]
mnt-by:	[mandatory]	[multiple]	[inverse key]
mnt-irt:	[mandatory]	[multiple]	[inverse key]
source:	[mandatory]	[single]	[ ]

## 8. irt

### Object Template

	Status	Instance	Search Status
<b>irt:</b>	[mandatory]	[single]	[primary/lookup key]
address:	[mandatory]	[multiple]	[ ]
phone:	[optional]	[multiple]	[ ]
e-mail:	[mandatory]	[multiple]	[lookup key]
abuse-mailbox:	[mandatory]	[multiple]	[inverse key]
admin-c:	[mandatory]	[multiple]	[inverse key]
tech-c:	[mandatory]	[multiple]	[inverse key]
auth:	[mandatory]	[multiple]	[inverse key]
remarks:	[optional]	[multiple]	[ ]
irt-nfy:	[optional]	[multiple]	[inverse key]
notify:	[optional]	[multiple]	[inverse key]
mnt-by:	[mandatory]	[multiple]	[inverse key]
source:	[mandatory]	[single]	[ ]

## 9. route-set

## Object Template

Status Instance Search Status

**route-set:** [mandatory] [single] [primary/lookup key]  
descr: [mandatory] [multiple] []  
members: [optional] [multiple] []  
mp-members: [optional] [multiple] []  
remarks: [optional] [multiple] []  
tech-c: [mandatory] [multiple] [inverse key]  
admin-c: [mandatory] [multiple] [inverse key]  
notify: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
source: [mandatory] [single] []

### 10. mntner

#### Object Template

Status Instance Search Status

**mntner:** [mandatory] [single] [primary/lookup key]  
descr: [mandatory] [multiple] []  
country: [optional] [single] []  
admin-c: [mandatory] [multiple] [inverse key]  
tech-c: [optional] [multiple] [inverse key]  
upd-to: [mandatory] [multiple] [inverse key]  
mnt-ny: [optional] [multiple] [inverse key]  
auth: [mandatory] [multiple] [inverse key]  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
abuse-mailbox: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
source: [mandatory] [single] []

**person:** ABC

address: C O qwerty 721441,Medinipur,West Bengal-721441

country: IN

phone: +91 9874563291

e-mail: support@nixi.com

nic-hdl: PH123-AP

mnt-by: MAINT-IN-IRINNCOM

last-modified: 2022-06-08T05:59:06Z

source: APNIC

**mntner:** MAINT-IN-IRINNCOM

descr: ABC COMMUNICATION PRIVATE LIMITED

admin-c: NM1234-AP

upd-to: support@nixi.com

mnt-by: MAINT-IN-IRINNCOM

auth: # Filtered

last-modified: 2022-06-08T05:57:32Z

source: APNIC

**role:** NOC MANAGER

address: C O xyzabc ,Medinipur,West Bengal-721441

country: IN

phone: +91 9874563210

e-mail: support@nixi.com

admin-c: PH123-AP

tech-c: PH123-AP

nic-hdl: NM1234-AP

mnt-by: MAINT-IN- IRINNCOM

last-modified: 2022-06-08T05:58:44Z

source: APNIC

**irt:** IRT- IRINNCOM -IN

address: C O QABCqwe,Medinipur,West Bengal-721441

e-mail: support@nixi.com

abuse-mailbox: support@nixi.com

admin-c: NM1234-AP

tech-c: NM1234-AP

auth: # Filtered

mnt-by: MAINT-IN- IRINNCOM

last-modified: 2022-06-08T05:58:19Z

source: APNIC

**aut-num:** AS132765

as-name: IRINNCOM -AS-IN

descr: ABC COMMUNICATION PRIVATE LIMITED

country: IN

admin-c: PH123-AP

tech-c: NM1234-AP

mnt-by: MAINT-IN- IRINNCOM

mnt-irt: IRT- IRINNCOM -IN

last-modified: 2022-06-09T08:50:33Z

source: APNIC

## 1. ROUTE-SET:

Status Instance Search Status

route-set: [mandatory] [single] [primary/lookup key]

descr: [mandatory] [multiple] []

members: [optional] [multiple] []

mp-members: [optional] [multiple] []

mbrs-by-ref: [optional] [multiple] [inverse key]

remarks: [optional] [multiple] []  
tech-c: [mandatory] [multiple] [inverse key]  
admin-c: [mandatory] [multiple] [inverse key]  
notify: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
last-modified: [generated] [single] []  
source: [mandatory] [single] []

## 2. ROUTE6/ROA:

Status Instance Search Status

route6: [mandatory] [single] [primary/look-up key]  
descr: [mandatory] [multiple] []  
origin: [mandatory] [single] [primary/inverse key]  
holes: [optional] [multiple] []  
org: [optional] [multiple] [inverse key]  
member-of: [optional] [multiple] []  
inject: [optional] [multiple] []  
aggr-mtd: [optional] [single] []  
aggr-bndry: [optional] [single] []  
export-comps: [optional] [single] []  
components: [optional] [single] []  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
mnt-routes: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
last-modified: [generated] [single] []  
source: [mandatory] [single] []

route6: 2001:0DB8::/32  
descr: route object for 2001:0DB8::/32  
origin: AS1234  
mnt-lower: MAINT-EXAMPLNET-AP  
mnt-routes: MAINT-EXAMPLNET-AP  
mnt-by: MAINT-EXAMPLNET-AP  
last-modified: 2018-08-30T07:50:19Z  
source: APNIC

## 3. ROUTE/ROA:

Status Instance Search Status

route: [mandatory] [single] [primary/lookup key]  
descr: [mandatory] [multiple] []  
country: [optional] [single] []  
origin: [mandatory] [single] [primary/inverse key]  
holes: [optional] [multiple] []  
member-of: [optional] [multiple] [inverse key]  
inject: [optional] [multiple] []  
aggr-mtd: [optional] [single] []  
aggr-bndry: [optional] [single] []  
export-comps: [optional] [single] []  
components: [optional] [single] []  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
mnt-routes: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
last-modified: [generated] [single] []  
source: [mandatory] [single] []

route: 192.168.1.0/24  
descr: route object for 192.168.1.0/24  
country: AU  
origin: AS1234  
mnt-lower: MAINT-EXAMPLNET-AP  
mnt-routes: MAINT-EXAMPLNET-AP  
mnt-by: MAINT-EXAMPLNET-AP  
last-modified: 2018-08-30T07:50:19Z  
source: APNIC

#### 4. AS-SET

as-set:as-set  
descr: NTT dapu Data Center  
tech-c: NW351-AP  
admin-c: NW351-AP  
mnt-by: MAINT-NNTCL-CN  
last-modified: 2018-12-15T14:39:55Z  
source: APNIC

#### 5. Reverse DNS

domain:187.188.103.in-addr.arpa  
descr: Reverse zone for 103.188.187.0/24  
admin-c: SA1319-AP  
tech-c: IA445-AP  
zone-c: IA445-AP  
nserver: ns1.savaleit.in



nserver: ns2.savaleit.in  
mnt-by: MAINT-IN-SKYLARKPLUG  
last-modified: 2022-06-13T05:51:14Z  
source: APNIC

## 6. INETNUM

inetnum: [mandatory] [single] [primary/lookup key]  
netname: [mandatory] [single] [lookup key]  
descr: [mandatory] [multiple] []  
country: [mandatory] [multiple] []  
geoloc: [optional] [single] []  
language: [optional] [multiple] []  
org: [optional] [single] [inverse key]  
admin-c: [mandatory] [multiple] [inverse key]  
tech-c: [mandatory] [multiple] [inverse key]  
abuse-c: [optional] [single] [inverse key]  
status: [mandatory] [single] []  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
mnt-routes: [optional] [multiple] [inverse key]  
mnt-irt: [mandatory] [multiple] [inverse key]  
last-modified: [generated] [single] []  
source: [mandatory] [single] []

inetnum: 192.168.1.0 - 192.168.1.255  
netname: EXAMPLENET-AP  
descr: Example net Pty Ltd  
country: AP  
admin-c: DE345-AP  
tech-c: DE345-AP  
status: ASSIGNED NON-PORTABLE  
mnt-by: MAINT-EXAMPLENET-AP  
mnt-irt: IRT-EXAMPLENET-AP  
last-modified: 2018-08-30T07:50:19Z  
source: APNIC

## 7. INET6NUM

Status Instance Search Status

inet6num: [mandatory] [single] [primary/lookup key]  
netname: [mandatory] [single] [lookup key]  
descr: [mandatory] [multiple] []  
country: [mandatory] [multiple] []

geoloc: [optional] [single] []  
language: [optional] [multiple] []  
org: [optional] [single] [inverse key]  
admin-c: [mandatory] [multiple] [inverse key]  
tech-c: [mandatory] [multiple] [inverse key]  
abuse-c: [optional] [single] [inverse key]  
status: [mandatory] [single] []  
remarks: [optional] [multiple] []  
notify: [optional] [multiple] [inverse key]  
mnt-by: [mandatory] [multiple] [inverse key]  
mnt-lower: [optional] [multiple] [inverse key]  
mnt-routes: [optional] [multiple] [inverse key]  
mnt-irt: [mandatory] [single] [inverse key]  
last-modified: [generated] [single] []  
source: [mandatory] [single] []

inet6num: 2001:0DB8::/32  
netname: EXAMPLINET-AP  
descr: Example net Pty Ltd  
country: AP  
admin-c: DE345-AP  
tech-c: DE345-AP  
status: ALLOCATED PORTABLE  
notify: abc@examplenet.com  
mnt-by: MAINT-EXAMPLINET-AP  
mnt-lower: MAINT-EXAMPLINET-AP  
mnt-routes: MAINT-EXAMPLINET-AP  
mnt-irt: IRT-EXAMPLINET-AP  
last-modified:2018-08-30T07:50:19Z 20101231  
source: APNIC

## NIR API Integration

### Fetch entities

```
$ curl -i -H "Authorization: Bearer ..." \  
https://registry-testbed.apnic.net/nir-api/entities \  
-X GET; echo  
HTTP/1.1 200 OK  
Date: Thu, 27 Jun 2019 00:13:52 GMT  
Server: libwww-perl-daemon/6.01  
Content-Length: 26  
Content-Type: application/json  
Access-Control-Allow-Origin: *  
{"links":[],"entities":[]}
```

- The request is an HTTP GET request, with no extra arguments in the URL.

- This account has no entities, which is why the 'links' and 'entities' entries in the result are empty.
- (The 'echo' command is added after the 'curl' command so that the JSON result is displayed on its own line.)

### **Add entity**

```
$ cat new-entity
{"name": "Test Entity",
"external_id": "NIR-TEST-ENTITY-001",
"jcard": [
"vcard",
[ ["version", {}, "text", "4.0" ],
["fn", { "language": "en", "altid": "1" }, "text", "Test Entity" ],
["fn", { "language": "ja", "altid": "1" }, "text", "テストエンティティ" ],
["kind", {}, "text", "individual" ],
["adr", { "label": "PO Box 3646\nSouth Brisbane, QLD 4101\nAustralia" },
"text", [ "", "", "", "", "", "", "" ] ],
["tel", { "type": "voice" }, "text", "+61-7-3858-3188" ],
["email", {}, "text", "test@apnic.net" ] ]
],
"roles": [ "administrative" ] }
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/entities \
-X POST --data @new-entity; echo
HTTP/1.1 202 Accepted
...
{"location": "/tasks/5"}
```

- The request is an HTTP POST request. The JSON for the entity forms the body of the request.
- The request is handled asynchronously. The body of the response is a link that can be followed to check on the status of the request.
- Until the request has been processed, the link will return a status of 'pending'. Once it has been processed, the link will return a status of 'complete'.

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/tasks/5 \
-X GET; echo
HTTP/1.1 200 OK
...
{"status": "pending"}
```

```
8
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/tasks/5 \
-X GET; echo
HTTP/1.1 200 OK
```

```
...
{"response":{"status_code":"201","content":
{"location":"/entities/1"},"status":"complete"}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/entities/1 \
-X GET; echo
HTTP/1.1 200 OK
```

```
...
{"roles":["administrative"],"jcard":{"vcard":[{"version",
{},"text","4.0"],["fn",{"language":"en","altid":"1"},"text","Test
Entity"],["fn",{"language":"ja","altid":"1"},"text","テストエンティティ"],
["kind",{},"text","individual"],["adr",{"label":"PO Box 3646\nSouth
Brisbane, QLD 4101\nAustralia"},"text",["","","","","","",""],["tel",
{"type":"voice"},"text","+61-7-3858-3188"],["tel",
{"type":"fax"},"text","+61-7-3858-3199"],["email",
{},"text","test@apnic.net"]]}, "name":"Test Entity","id":"1","externalid":"
NIR-TEST-ENTITY-001"}
```

### **Fetch subaccounts**

```
$ curl -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/subaccounts -X GET | jq .
{
  "subaccounts": [
    {
      "jcard": {},
      "id": "10069",
      "company-id": "",
      "economy": "JP",
      "legal-name": "...",
      "code": "..."
    },
    ...
  ],
  "links": [
    {
      "rel": "next",
      "href": "/subaccounts?page=2"
    }
  ]
}
```

- 'jq' is used here to format (pretty-print) the results.
- For fetching lists of records, the largest number of records that will be returned in a response is 10. If there are more than 10 records, the 'links' element will contain a link to the next page of the results.

## Add subaccount

```
$ cat new-subaccount
{"code": "API-TESTER",
"legal-name": "Test Subaccount Inc.",
"company-id": "A12VIEM891",
"economy": "AU",
"entities": [ { "id": 1 } ],
"jcard": [
"vcard",
[ [ "version", { }, "text", "4.0" ],
[ "fn", { }, "text", "Test Subaccount" ],
[ "kind", { }, "text", "org" ],
[ "adr", { "label": "PO Box 1234\nBrisbane, QLD 4001\nAustralia" },
"text", [ "", "", "", "", "", "", "" ] ],
[ "email", { }, "text", "user@test-subaccount.net" ] ]
] }
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/subaccounts \
-X POST --data @new-subaccount; echo
HTTP/1.1 202 Accepted
...
{"location":"/tasks/12"}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/tasks/12 \
-X GET; echo
HTTP/1.1 200 OK
...
{"response":{"status_code":"201","content":
{"location":"/subaccounts/20135"},"status":"complete"}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nirapi/
subaccounts/20135 \
-X GET; echo
HTTP/1.1 200 OK
...
{"jcard":["vcard",[[{"version",{ },"text","4.0"},[{"fn",
{ },"text","Test Subaccount"},[{"kind",{ },"text","org"},
[{"adr",{ "label":"PO Box 1234\nBrisbane, QLD
4001\nAustralia"},"text",["", "", "", "", "", "", ""]],[{"email",
{ },"text","user@testsubaccount.
net"}]],"id":"20135","companyid":"
A12VIEM891","economy":"AU","entities":{"link":
{"rel":"related","href":"/entities/1"},"id":"1"},"legalname":"
Test Subaccount Inc.,"code":"API-TESTER"}
```

### **Make direct delegation**

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/directdelegations/
ipv4 \
-X POST --data
'{"length":16,"version":4,"type":"allocated","subaccount":
{"id":20135},"network-name":"API-TEST","description":"APITEST-
DESCR"}'; echo
HTTP/1.1 202 Accepted
...
{"location":"/tasks/14"}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/tasks/14 \
-X GET; echo
HTTP/1.1 200 OK
...
{"response":{"status_code":"400","content":{"errors":
["Unable to make direct delegation","NIR maximum transaction
size (22) exceeded on ipv4"]},"status":"complete"}}
```

- Some errors (e.g. basic syntax errors) are caught during the initial POST/PUT. These will result in an immediate 400 Bad Request response.
- Some errors (e.g. the /22 restriction from the previous two slides) are caught during backend processing, and will appear in the task response. The task is still considered 'complete', even though it didn't complete successfully. The client must submit a new amended request in this sort of situation.

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/directdelegations/
ipv4 \
-X POST --data
'{"length":22,"version":4,"type":"allocated","subaccount":
{"id":20135},"network-name":"API-TEST","description":"APITEST-
DESCR"}'; echo
HTTP/1.1 202 Accepted
...
{"location":"/tasks/15"}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/tasks/15 \
-X GET; echo
HTTP/1.1 200 OK
...
{"response":{"status_code":"201","content":
{"location":"/directdelegations/
ipv4/17840"}}, "status":"complete"}}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/directdelegations/
ipv4/17840 \
-X GET; echo
HTTP/1.1 200 OK
...
{"created":"2019-06-
27","range":"103.140.110.0/24","type":"allocated","id":"1784
0","subaccount":{"link":
{"rel":"self","href":"/subaccounts/20135"},"id":"20135"}}
```

### **Transfer**

```
$ curl -i -H "Authorization: Bearer ..." https://registrytestbed.
apnic.net/nir-api/transfers -X POST --data
'{"ranges":["158.201.192.0/20"],"type":"market","source":
{"id":10698},"recipient":{"id":20135},"networkname":"
TRANSFERRED","description":"Transferred"}'
HTTP/1.1 202 Accepted
...
{"location":"/tasks/17"}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/nir-api/tasks/17 \
-X GET; echo
HTTP/1.1 200 OK
...
{"response":{"status_code":"201","content":
{"location":"/transfers/1354"},"status":"complete"}}
```

```
$ curl -i -H "Authorization: Bearer ..." \
https://registry-testbed.apnic.net/transfers/1354 \
-X GET; echo
HTTP/1.1 200 OK
...
{"ticket-number":"1234567", "source":{"link":{"rel":"self",
"href":"/subaccounts/10698"},"id":"10698"}, "created":"2019-
06-27 00:00:00", "recipient":{"link":{"rel":"self",
"href":"/subaccounts/20135"},"id":"20135"}, "reason":null,
"id":"1354", "ranges":["158.201.192.0/20"]}
```

### **Make NIR delegation**

```
$ curl -i -H "Authorization: Bearer ..." https://registrytestbed.
apnic.net/nir-api/nir-delegations/ipv4 -X POST
--data
```

```
'{"range":"61.112.0.0/24","type":"allocated","subaccount":  
{ "id":"20135","network-name":"API-TEST","description":"APITEST-  
DESCR"}
```

```
HTTP/1.1 202 Accepted
```

```
...
```

```
{ "location":"/tasks/18"}
```

```
$ curl -i -H "Authorization: Bearer ..." \  
https://registry-testbed.apnic.net/nir-api/tasks/18 \  
-X GET; echo  
HTTP/1.1 200 OK
```

```
...
```

```
{ "response":{"status_code":"201","content":  
{ "location":"/nirdelegations/  
ipv4/676"}}, "status":"complete"}
```

```
$ curl -i -H "Authorization: Bearer ..." \  
https://registry-testbed.apnic.net/nirdelegations/  
ipv4/676 \  
-X GET; echo  
HTTP/1.1 200 OK
```

```
...
```

```
{ "created":"2019-06-27", "range":"61.112.0.0/24",  
"type":"allocated", "id":"676", "subaccount":{"link":  
{ "rel":"self", "href":"/subaccounts/20135"}, "id":"20135"}}
```

### **III. BIDDING SYSTEM**

1. Bids will be submitted in hard copies at NIXI office Delhi. There is no electronic or digital submission is allowed.
2. The bid should be submitted in two parts. Part-I (Envelope A) is Technical Bid and Part-II (Envelope B) will be Financial/Commercial bid.
3. Technical will contain all the documents/compliance asked in General Term of conditions along with Technical Compliance, which is to be enclosed in Envelope A. Technical Bid will also have unpriced BOM as per Annexure-I. Please do not put Financial Bid/Commercial bid in Technical bid/ Envelope A this would lead to summary rejection of the bid. The Financial Bid has to be enclosed in Envelope B.
4. Financial/Commercial bid will contain schedule of prices as per the Financial/Commercial Bid format.
5. Both Technical and Financial/Commercial bid should be kept in separate envelope and this envelopes should be kept in on large envelope. All the envelopes should be properly sealed.
6. Each page of the tender bid should be signed and sealed by authorized signatory.
7. No bid will be accepted post the last date and time mentioned in the tender document. However, NIXI reserves the right to extend the date and time of bid submission.



### 3.1 Schedule table

STAGES OF TENDER	TENDER FOR NIR API INTEGRATION FOR IRINN
Bid Submission Start Date	28-06-2023
Last Date for bid submission	13-07-2023 (3:00 P.M)
Opening of Technical Bid and evaluation	13-07-2023 (3:30 P.M)

### 3.2 Assistance to bidders

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the following email id [praveen@irinn.in](mailto:praveen@irinn.in)

### 3.3 Bid Evaluation Criteria

- a. Tender committee will first evaluate the Technical bid. They can seek any clarification/documents/confirmation, should they need the same for further clarity.
- b. Financial/Commercial bids of those Bidders whose Pre-Qualification & Technical bids are found suitable by the committee, will be opened.
- c. Contract will be awarded to L1 bidder, which will arrive at as per Financial/Commercial Bid format inclusive of taxes.

### 3.4 Bid Validity

- I. All the bids (Technical and Financial) will be valid for a period of 90 days from the last date of submission of the tender for execution of Contract. This can be extended if so required with the approval of the Competent Authority.
- II. In exceptional circumstances, prior to expiry of the original time limit, the NIXI may request the bidders to extend the period of validity for a specified additional period beyond the original validity of 90 days. The request and the bidders' responses shall be made in writing/Email. The bidders, not agreeing for such extensions will be allowed to withdraw their bids.

### 3.5 Modification / Substitution/ Withdrawal of bids

- I. No Bid shall be modified, substituted, or withdrawn by the Bidder after the bids due date.
- II. Any alteration/ modification in the bid or additional information supplied subsequent to the bid's due Date, unless the same has been expressly sought for by the Authority, shall be disregarded.

### 3.6 Rejection of the Bid:

The bid submitted shall become invalid if: -

- I. The bidder is found ineligible.

II. The bidder does not provide all the documents as stipulated in the bid document.

### **3.7 Right to reject or scrap the process**

The NIXI reserves the right to accept or reject any Tender, and to scrap/ cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

### **3.8 Evaluation of Bids**

- a. The responsive bids will first be evaluated for technical compliance. Non-submission of essential documents stipulated will result in a bid liable for disqualification at technical evaluation stage.
- b. Bidder have to provide the process flow of project and understanding with the presentation document.
- c. Bids determined to be substantially responsive will be checked by NIXI for any arithmetical errors in computation and summation. Where there is discrepancy between rates/amounts given in figures and in words, the rates/amounts given in words will prevail.
- d. NIXI shall evaluate the financial bids of eligible bidders to determine the L-1 bidder on the basis of lowest total cost of support services for all items in the financial/price bid form

### **3.9 General Instructions for Bidding process**

Bids should be completed in all respects, must be submitted on or before the last date specified in the schedule of events.

The NIXI may, at its own discretion, extend the last date for submission of tenders.

All the bids are valid for a period of 90 days from the last date of submission of the tender for execution of Contract. It may be extendable.

The bid submitted shall become invalid if: -

- i) The bidder is found ineligible.
- ii) The bidder does not provide all the documents as stipulated in the bid document.
- iii) The bidder has knowingly concealed & misrepresented the facts for shortlisting.

### **3.10 Tender Fees**

The tender fees shall be Rs 2,000/- (Two Thousand), which shall be enclosed in shape of Demand Draft. In case the same is deposited through NEFT, its proof shall be enclosed. The NEFT details, in which the Tender Fees is to deposited are as under:

**A/c Name:- National Internet Exchange of India**

**A/c No. - 629405034094**

**IFSC- ICIC0006294**

**Branch: Nehru Place, New Delhi-110019.**

#### **IV. EARNEST MONEY DEPOSIT (EMD)**

EMD will be Rs.12,000/- in the form of fixed deposit Receipt/crossed Bank Draft/Irrevocable Bank Guarantee/Demand Draft/in favor of National Internet Exchange of India.

#### **V. SECURITY DEPOSIT (PERFORMANCE BANK GUARANTEE)**

- a. The successful bidder should arrange to have Performance Bank Guarantee/ Security Deposit amounting to 6% of the awarded contract value furnished within 10 days of submission of Letter of Acceptance in the case of contracts, and within 10 days of submission of draft Contract Agreement.
- b. The notification of award will constitute the formation of the Contract, subject only to the furnishing of a Performance Bank Guarantee/ Security Deposit in accordance with the provisions of this Clause.
- c. Upon the furnishing by the successful Tenderer of the Security deposit, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.
- d. Subject to any provision elsewhere in the contract regarding forfeiture or appropriation in full or part thereof, the Performance Bank Guarantee/ Security Deposit shall be released at the time of expiry / non-renewal / termination of the contract.
- e. The Performance Bank Guarantee/ Security Deposit may be either in the form of Demand Draft in favour of NIXI, New Delhi, or as Bank Guarantee in the format at Form No. -V of this document.
- f. In case Bank Guarantee is furnished as Performance Bank Guarantee/ Security Deposit, the same should be valid by more than ninety (90) days after the expiry of the contract including AMC.
- g. In case Bank Guarantee is furnished as Performance Bank Guarantee/ Security Deposit, it should be sent to NIXI by the concerned Bank, and not by the bidder itself.
- h. The Performance Bank Guarantee/ Security Deposit amount is interest free.
- i. NIXI has the right to encash/ appropriate the whole amount of Performance Bank Guarantee/ Security Deposit in accordance with the contract conditions and also to deduct any amount due from the contractor at the time of the termination/expiry of the contract.

## VI. ELIGIBILITY CRITERIA

Sr. No.	Minimum Eligibility Criteria	Supporting Document		
1	The Bidder should be a company registered Under Companies Act, 1956/2013 and in existence for at least 5 years.	Photocopy of Certificate of Incorporation		
2	The Bidder should have PAN & GSTIN	Self-certified copies		
3	The Bidder should have a minimum average annual turnover of Rs 1.0 crore during the last financial years from 2019-20 to 2021-22  This must be the individual company turnover and not that of any group of companies.	Self –certified copies of the audited Balance sheet and profit & loss statement for the last 3 completed financial years (2019-20, 2020-21, 2021-22 *) with adequate section duly marked & tagged. *Unaudited financial statements with self-declaration on company letterhead for year 2020-21 also acceptable		
		2019-20	2020-21	2021-22
4	Turnover declaration in INR			
5	Previous experience of managing multiple Software project with contract values > 20 lac	Work orders and Completion Certificates		
6	The Bidder has never have been blacklisted/ barred/ disqualified by any regulator/ statutory body or any PSU or any Company/ State Government/Central Government	Self-Certification/declaration. If found blacklisted at the latest stage, he/they will removed from panel forthwith.		
7	The Bidder must have an office location in Delhi/Delhi NCR with space for the team to operate			

**Note:** Please enclose the proof in support of the above failing, which the tender will not be considered and summarily rejected.

## VII. AWARD OF WORK

The party who qualifies in Technical Bid, only their Financial Bids will be opened. The work will be awarded to L-1 strictly. In case the L-1 is unable / fails to perform, the next i.e. L-2 will be offered the work after recording the reason.

### **VIII. SIGNING OF AN AGREEMENT**

The agreement to be signed will cover the general conditions of the contract and scope of work, which is binding of the part of the successful Bidder. The agreement will be signed by both the parties (seller and buyer) on the stamp of paper of Rs 100/-

### **IX. PAYMENT TERMS**

The payments will be released in the phased manner as per the milestones given below:

<b>S.NO</b>	<b>ACTIVITY</b>	<b>PAYMENT MILESTONES</b>
1.	Application Development	20%
2.	Whois Integration	50%
3.	Final Testing and Deployment	20%
4.	Handing over of project including Documentation, Source Code, Box Testing, etc.	20%
5.	After 90 days after successful functioning	Balance payment of 10% will be released after the successful functioning of the system

### **X. FORCE MAJEURE**

#### **1. Definition:**

For the purposes of this Contract, “**Force Majeure**” means an event, which is beyond the reasonable control of a Party. It is neither foreseeable nor unavoidable, which has:

- a) Not brought about by or at the instance of the Party claiming to be affected by such events.
- b) Caused the non-performance or delay in performance.
- c) Makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstance.
- d) Not involved the contractor’s fault or negligence, either in its sovereign or contractual capacity.

**2.**Force Majeure shall include Acts of God, wars or revolutions, fires, floods, epidemics, quarantine restrictions and fright embargoes including war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other extreme adverse weather conditions, strikes, lockouts or other industrial action.

**3.**Notwithstanding the provisions of clauses contained in this RFS document; the contractor shall not be liable to forfeit:

(a) Security deposit for delay and

(b) Termination of contract; if he is unable to fulfil his obligation under this contract due to Force Majeure conditions.

**4.**Whether a “Force majeure” situation exists or not, shall be decided by NIXI and its decision shall be final and binding on the contractor and all other concerned.

**5.**The party will be relieved of his obligations during the force majeure period. In the event that such force majeure extends beyond six months, the agreement will be terminated provided that it is not caused by the negligence or intentional action of a Party or by or of such Party’s employee.

**6.No breach of Contract:**

The failure of a Party to fulfil any of its obligations hereunder shall not be considered to be a breach of, or default under this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.

**7.Measures to be taken:**

The party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

**8.**The party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

**9.**Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

**10.**During the period of their inability to perform the Services as a result of any event of Force Majeure, the Contractor, upon instructions by NIXI, shall either: i. Demobilize; or ii. Continue with the Services to the extent possible, in which case the Contractor shall continue to be paid proportionately and on pro rata basis, under the terms of this Contract.

**11.**In case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clause XII.

## **XI. INTEGRITY PACT**

Of late, it has been realized the importance of Integrity Pact. as the vigilance tool in controlling corruption in public contracting and procurement. Therefore, they have issued the instructions to all public offices to insist the party for signing of Integrity pack, which will also be counter signed by the purchaser/buyer. The Integrity Pact will be signed after the award of work.

On May 18, 2009, Government issued Standard Operating Procedure spelling out all the details. The copy of the Integrity Pact is placed at Annexure IV. which shall be signed and stamped by the bidder as well as NIXI.

## **XII. SETTLEMENT OF DISPUTES**

NIXI has always believed that disputes arising shall be mutually resolved so as to maintain harmonious relationship with the party. However, in case of any dispute, which is not resolved shall be referred to arbitrator for the settlement who will be appointed by CEO, NIXI.

### **12.1 Amicable Settlement:**

In case dispute arises between the parties regarding any matter under the contract, either Party of the contract may send a written Notice of Dispute to the other party. The Party receiving the Notice of Dispute will consider the Notice and respond to it in writing within 30 days after receipt. If that party fails to respond within 30 days, or the dispute cannot be amicably settled within 60 days following the response of that party, Clause GC 3.21.2 shall become applicable.

### **12.2 Arbitration:**

In the case of dispute arising upon or in relation to or in connection with the contract between NIXI and the Contractor, which has not been settled amicably, any party can refer the dispute for Arbitration under the Arbitration and Conciliation Act 1996.

- i. Arbitration proceedings shall be held in New Delhi and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- ii. The decision of the arbitrator(s) shall be final and binding upon both parties.
- iii. The expenses of the arbitrator(s) as determined by the arbitrator(s) shall be shared equally by NIXI and the Contractor. However, the expenses incurred by each party in connection with the preparation & presentation of their cases shall be borne by the party itself.
- iv. All arbitration awards shall be in writing and shall state the reasons for the award.

### **12.3 Jurisdiction of Courts etc.:**

The courts/any other Tribunal or Forum in New Delhi alone shall have exclusive jurisdiction with regard to any matter/dispute relating to or arising out this contract.

- The Purchaser and the Bidder shall make every effort to resolve amicably by direct informal negotiations, any disagreement or disputes, arising between them under or in connection with the Contract.
- In case of dispute between the purchaser and bidder, the dispute may be resolved through arbitration process as per the Arbitration & Reconciliation Act 1996 with its seat at New Delhi.

## **XIII. CHANGE MANAGEMENT**

The selected agency shall give prior intimation at least two weeks before changing their workforce personnel's and other resources during the course of an on-going assignment. It is further added that an agency shall ensure that there is proper knowledge transfer as well as handing over of necessary resources to avoid any kind of dislocation of work.

#### **XIV. LIQUIDATED DAMAGES**

In the event of failure to deliver/dispatch the equipment/stores within the stipulated date/period in accordance with the terms and conditions and the specifications mentioned in the supply order and in the event of breach of any of the terms and conditions mentioned in the supply order, NIXI, shall be entitled at its option to enforce the following:

a) To recover from the successful Bidder as agreed Liquidated Damages, a sum not less than 0.5%(Half Percent) of the price of any stores which the successful Bidder has not been able to supply as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10% (TEN Percent). Where felt necessary the limit of 10% can be increased to 15% at the discretion of Head of the Materials Management Division.

b) To cancel the supply order or a portion thereof, and if so desired to purchase the stores at the risk and expenses of the defaulting supplier and also/or

c) To purchase elsewhere after notice to the successful Bidder on the account and at the risk of the defaulting supplier, the equipment/stores not supplied or others of similar description without cancelling the supply order in respect of the consignment not yet due for supply/or

d) Whenever under this contract any sum of money is recoverable from and payable by the supplier, NIXI shall be entitled to recover such sum by appropriating in part or in whole by deducting any sum or which at any time thereafter may become due to the successful Bidder in this or any other contracts. Should this sum be not sufficient to recover the full amount recoverable, the successful Bidder shall pay on demand to NIXI the balance amount. The supplier shall not be entitled to any gain on any such purchase.

e) To extend the period of delivery with or without Liquidated Damages as may be considered fit and proper. The Liquidated Damages, if imposed, shall not be more than the agreed Liquidated Damages referred to in Clause XV (a) above, except in case of Force Majeure condition.

f) To forfeit the Security Deposit/ PBG fully or in part.

#### **XV. LAST DATE FOR RESPONSE OF SUBMISSION OF BID**

The bidding parties are advised to carefully go through each clause of tender before submitting their proposal in response to this tender Notice.

The last date for submission of receiving response is mentioned on cover page and Clause III. Any response received after the above deadline will be rejected.

All interested parties may submit their BID at the following address:



National Internet Exchange of India(NIXI)  
9th Floor, B-Wing, Statesman House,  
148, Barakhamba Road,  
New Delhi-110 001  
Phone: 91-11-48202000

In case of any query, you may contact **Shri Praveen Kumar Singh – AM(IT)** on **Phone Number +91-11-48202000** or through his e-mail, [praveen@irinn.in](mailto:praveen@irinn.in) before the last date of submission.

## **XVI. DOCUMENTS REQUIRED TO BE SUBMITTED WITH BID**

- a. The bidder shall ensure that the documents to be submitted as per the tender document must be enclosed.

SL. NO.	PARTICULARS	ENCLOSED	
		YES	NO
1	PROOF OF ENTITY HAVING 5 YEARS EXISTENCE		
2	PROOF OF FINANCIAL TURNOVER OF LAST THREE YEARS		
3	PROFILE/ SET UP/ ESTABLISHMENT IN INDIA		
4	PROOF OF MSME/STARTUP/ SC/ST/WOMEN ENTERPRENEUR		
5	PROOF OF EXPERIENCE		
6	SUBMISSION OF NON-BLACKLISTING		
7	PROOF OF TENDER FEES		
8	SUBMISSION OF PRE-BID DECLARATION		
9	SUBMISSION OF INTEGRITY PACT		
10	SUBMISSION OF CONFIDENTIALITY DECLARATION		
11	SUBMISSION OF BANK DETAILS		
12	SUBMISSION OF DECLARATION		
13	PHOTOCOPY OF PAN/ AADHAR CARDS		
14	SIGNED PHOTOCOPY OF THE TENDER		
15	CANCELLED CHEQUE FOR E - PAYMENTS		
16	SUBMISSION OF TECHNICAL BID (ENVELOPE PART I)		

<b>17</b>	<b>SUBMISSION OF PRICE BID (ENVELOPE PART II)</b>		
<b>18</b>	<b>DULY SIGNED CHECK LIST</b>		
<b>19</b>	<b>ANY OTHER DOCUMENT/S BEING SUBMITTED (PLEASE SPECIFY)</b>		

- b. He should sign all pages of the tender document. In case the desired document/s are not enclosed with the proposal will be rejected.
- c. The bidder shall carefully go through the tender document and ensure that all document and ensure that all documents are enclosed otherwise their bid will be rejected.
- d. The documents enclosed shall be listed in the prescribed format of checklist (Annexure VIII).

## **XVII. GENERAL CONDITIONS OF TENDER**

Following are the general terms & conditions are for this tender. The bidder/OEM should provide necessary documentary evidence of compliance as follows. Failure to do so for any of the Criteria mentioned below shall result in disqualification of the Bidder.

1. The Bidder should be public or private limited company registered / incorporated under The Companies Act, 1956.
2. The bidder should have not blacklisted by any Government (Central/State) Department/Undertaking or PSU. A declaration of Non-Blacklisting will be submitted by bidder.
3. Bids should be submitted in physical form in sealed envelope at NIXI office as explained in "Bidding System".
4. NIXI can reject any bid any time without giving any reasons.
5. Any Political/bureaucratic/commercial pressure (directly/indirectly) will amount to disqualification of bid.
6. Court jurisdiction will be Delhi/NCR in case dispute required to be settled in Court.
7. The bidder shall have excellent experience in execution of work as described in Clause II & Clause V.
8. The MSMEs, Start-ups and Women/ SC/ ST Entrepreneurs will get exemption as per the guidelines issued by the Government from time to time.

## **XVIII. SPECIAL CONDITIONS OF TENDER**

### **1. The Special Terms and Conditions are as under:**

- a) After handing over the software and payment of its price to the vendor, it becomes the property of NIXI. No other agency has the right to use the recording elsewhere.

- b) This is a fixed price, and after the payment as per the tender, the party cannot demand anything additional on any account.
- c) Payment terms shall be Quarterly in advance to be calculated from the date of commissioning of link and production of invoice at the address of NIXI H/Q at Delhi.
- d) The completion time for the entire work will be 30 days.
- e) There will be one week notice period from either party. This notice should be submitted in writing and delivered by hand or by official email.

**f) Fall Clause**

The Bidder undertakes that he has not supplied/is not supplying the similar **products**, systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India and if it is found at any stage that the similar system or sub-system was supplied by the Bidder to any other Ministry/Department of the Government of India at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the Bidder to the Buyer, **even** if the contract has already been concluded.

**g) Validity of Tender**

1. The contract shall remain in force for three months (90 days) from date of issue of tender.
2. A purchase order may be placed up to the last day of the currency of the rate contract. Delivery date in the purchase order need not necessarily fall within the currency of the rate contract but it can go beyond it depending upon the terms of delivery stipulated in the rate contract or in specifically agreed condition of delivery in respect of particular purchase order.

**h) Confidentiality Clause**

The vendor has to give an undertaking that any data, documents, materials or other information disclosed to me in connection with the Services, in any form whatsoever, whether orally, visually, in writing or otherwise (including in computerized or electronic form) will neither be disclosed or misused.

i) **Purchasers Rights**

1. NIXI reserves the right to accept/reject any or all the bids in whole or in part and annul the bidding process without assigning any reason whatsoever and is not bound to accept the lowest tender.
2. NIXI reserves the right to award the tender to more than one bidder.
3. NIXI reserves the right to relax/ withdraw any of the terms and conditions mentioned in the Tender Document so as to overcome any problem encountered during the selection of the bidders and also during the course of the execution of the contract.
4. NIXI reserves the right to blacklist a bidder for a suitable period in case the bidder fails to honor its bids without sufficient grounds.
5. If a firm after award of the contract violates any of the terms & conditions, it shall be liable to be blacklisted.

j) **Subletting**

In no circumstances, the firm shall appoint any sub-contractor or sub-lease the contract. If it is found that the contractor has violated these conditions, the contract will be terminated forthwith without any notice. NIXI reserves the right to terminate this order at any point of time with 15 days' prior intimation to the contractor.

k) **Permits, Taxes and other duties:**

The vendor shall obtain necessary road permits, sanctions etc. and pay all necessary taxes and duties in delivering services. NIXI is not responsible for the same.

**l) Delivery Timeline**

<b>S.NO</b>	<b>ACTIVITY</b>	<b>TIME ALLOTTED</b>
1.	Application Development	10 Weeks
2.	Whois Integration	
3.	Final Testing and Deployment	2 Weeks
4.	Handing over of project including Documentation, Source Code, Box Testing, etc.	2 Weeks
<b>TOTAL TIME ALLOTTED</b>		<b>14 Weeks</b>

NOTE: The activities 1 and 2 are partial activities and total time granted is 10 weeks.

**m) Penalties**

If the successful tenderer will not deliver the goods with in the stipulated time as indicated in the PO, the penalty of 1.0% will be imposed per week, which will not be more than 10%.

The party shall nominate executive to monitor and review the performance on day to day basis. The following officer from NIXI shall co-ordinate:

**Shri Praveen Kumar Singh (AM-IT)**  
**Phone Number: 91-11-48202000**  
**E-mail: praveen@irinn.in**

[The other terms and conditions can be seen on Annexure I.]

**ANNEXURE-I**

**Financial / Price Bid**

**Schedule of Rates as per the Scope of Work**

<b>PARTICULARS</b>	<b>RATES QUOTED</b>
COST OF COMPLETE WORK INCLUDING NIR API INTEGRATION FOR IRINN AS PER TENDER.	
GST AND OTHER TAXES	
GRAND TOTAL	

**Notes:**

- 1. Please see Clause II (Scope) for the details.**
- 2. All Prices should be inclusive of implementation and deployment. Any third-party product or services needed to make the solution operational should be provided at NO-COST by the bidder.**

**ANNEXURE-II**

**BID SECURITY DECLARATION**

Date: \_\_\_\_\_

Tender No. \_\_\_\_\_

To (insert complete name and address of the purchaser)

-----  
-----

I/We, the undersigned, declare that: I/We understand that, according to your conditions, a Bid Securing Declaration must support bids.

I/We accept that /We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or**
- b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity**
  - (i) Fail or reuse to execute the contract, if required, or**
  - (ii) Fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.**

I/we understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of

- (i) The receipt of your notification of the name of the successful Bidder; or**
- (ii) thirty days after the expiration of the validity of my/our Bid.**

**Signed:**

**Name:**

**Capacity:**

On behalf of (insert complete name of Bidder)

**Dated on----- day of-----**

(insert date of signing)

**Corporate Seal (where appropriate)**

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

**INTEGRITY PACT**

**(To be executed on plain paper and submitted along with technical bid/tender documents. To be signed by the bidder and NIXI.)**

National Internet Exchange of India (NIXI) hereinafter referred to as “The Principal”.

AND

\_\_\_\_\_ hereinafter referred to as “The Bidder/Contractor”

**PREAMBLE**

The Principal intends to award, under laid down organizational procedures, contract/s for \_\_\_\_\_ . The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of \_\_\_\_\_ and of fairness/transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

**Action 1 – Commitments of the Principal.**

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
  - a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled.
  - b) The Principal will during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.
  - c) The Principal will exclude from the process all known prejudiced persons.

2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

## **Section 2 – Commitments of the Bidder(s)/Contractor(s)**

1. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
  - a. The Bidder(s)/contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or during the execution of the contract.
  - b. The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
  - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractors will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or documents provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the bidder(s)/contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All the payments made to the India agent/representative have to be in Indian Rupees only.
  - e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
  - f. The Bidder(s)/Contractor (s) who have signed the Integrity Pact shall not approach the courts while representing the matter to IEMs and shall wait for their decision on the matter.
2. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.



### **Section 3: Disqualification from tender process and exclusion from future contract**

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or to terminate the contract, if already signed, for such reasons.

### **Section 4: Compensation for Damages**

1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, The Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

### **Section 5: Previous Transgression**

1. The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the TII's anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the tender process.
2. If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process and appropriate action can be taken including termination of the contract, if already awarded, for such reason.

### **Section 6: Equal treatment of all Bidders / Contractors / Sub-contractors.**

1. In case of sub-contracting, the Principal Contractor shall take the responsibility of adoption of Integrity Pact by the Sub-Contractor.
2. The Principal will enter into agreements with the identical conditions as this one with all bidders and Contractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

### **Section 7: Criminal charges against violation Bidder(s) / Contractor(s) / Sub-contractors(s).**

If the Principal obtains knowledge of conduct of a Bidder(s)/ Contractor(s) which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

## **Section 8: Independent External Monitor/Monitors**

1. The Principal appoints competent and credible Independent External Monitor for this Pact after approval of Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. The Monitor will have access to all contract documents, whenever required. It will be obligatory for him to treat the information and documents of bidders /contractors as confidential. He reports to the Chief Executive Officer, NIXI.
3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors.
4. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality. The Monitor has also signed declarations on “Non – Disclosure of Confidential Information” and of “Absence of Conflict of Interest” In case of any conflict of interest arising at a later date, the IEM shall inform Chief Executive Officer, NIXI. and recuse himself/herself from the case.
5. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
6. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
7. The Monitor will submit a written report to the Chief Executive Officer, NIXI within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
8. Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on BFL Board.
9. If the Monitor has reported to the Chief Executive Officer, NIXI, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chief Executive Officer, NIXI has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

10. The word "Monitor" word include both singular and plural.

**Section 10 : Pact Duration**

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidder 6 months after the contract has been awarded.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chief Executive Officer, NIXI.

**Section 11 : Other Provisions**

- This agreement is subject to Indian Law. Place of performance and jurisdiction is the registered office of the Principal i.e.

**9th Floor, B-Wing,  
Statesman House, 148,  
Barakhamba Road,  
New Delhi-110 001 India**

- Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- Issues like Warranty/Guarantee etc. shall be outside the purview of the IEMs.
- In the event of any contradiction between the Integrity Pact and its Annexure, the clause in the Integrity Pact will prevail.

(For & on behalf of the Principal)

(For & on behalf of Bidder/Contractor)

(Office Seal)

(Office Seal)

Place\_\_\_\_\_

Dated\_\_\_\_\_

Witness 1 :  
(Name & Address)

Witness 1 :  
(Name &Address)

\_\_\_\_\_  
\_\_\_\_\_  
Witness 2 :  
(Name & Address)  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Witness 2 :  
(Name & Address)  
\_\_\_\_\_  
\_\_\_\_\_

**ANNEXURE-IV**

**UNDERTAKING**

**I/ we, hereby declare that the information furnished above is true, complete and correct to the best of my knowledge and belief.**

**I undertake the responsibility to inform you of any changes therein, immediately. It is further declared that I/ we will provide the proofs if desired by NIXI, failing which our bid can be rejected.**

**I understand that in the event of my information being found false or incorrect at any stage, my/ our proposal shall be liable to cancellation / termination without notice or any compensation in lieu thereof.**

<b>SIGNATURES</b>	
<b>NAME OF AUTHORISED PERSON</b>	
<b>NAME OF COMPANY</b>	
<b>AFFIX SEAL OF COMPANY</b>	

## ANNEXURE-V

### CONFIDENTIALITY DECLARATION

I/We, the undersigned, do hereby declare and confirm that I am aware that I have been assigned to render certain services (the "Services") for the Office of the National Internet Exchange of India (NIXI) in connection with the Agreement, dated \_\_\_\_ 2017, between NIXI and me/us \_\_\_\_\_ (Full name of the Contractor).

In connection therewith, I hereby undertake and agree as follows:

#### **1. Certain Definitions**

(a) "Confidential Information" means any data, documents, materials or other information disclosed to me in connection with the Services, in any form whatsoever, whether orally, visually, in writing or otherwise (including in computerized or electronic form).

(b) "Permitted Purpose" means the use of the Confidential Information to perform the Services.

#### **2. The Contractor's Confidentiality Obligations**

(a) I understand that the Contractor is subject to confidentiality obligations pursuant to the Contract.

(b) I have read and understand Clause XIX of tender document of NIXI, which will be strictly adhered to.

#### **3. Undertakings**

(a) I undertake to conduct myself and render services with a view to ensuring full compliance by the Contractor in view of the Clause XIX. In case of any doubt, I shall consult with NIXI or their nodal officer for their advice.

(b) I shall:

(i) use the same care and discretion to avoid disclosure, publication or dissemination of the Confidential Information as I use with my own similar information that I do not wish to disclose, publish or disseminate; and,

(ii) use the Confidential Information solely for the Permitted Purpose.

(c) Upon the request NIXI, or upon the termination or expiry of my/ our contract, I/ we shall immediately return NIXI all Confidential Information disclosed to me/ us or to which I/we had access during or as a result of the performance of the Services,



effect during the period that would be taken for satisfactory performance and fulfilment in all respects of the said contract by the Bidder i.e. till hereinafter called the said date and that if any claim accrues or arises against us Bank Ltd, by virtue of this guarantee before the said date, the same shall be enforceable against us \_\_\_\_\_ Bank Ltd, notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us Bank Ltd, by the Purchaser before the said date. Payment under this letter of guarantee shall be made promptly upon our receipt of notice to that effect from the Purchaser.

3. It is fully understood that this guarantee is effective from the date of the said contract and that We \_\_\_\_\_ Bank Ltd, undertake not to revoke this guarantee during its currency without the consent in writing of the Purchaser.
4. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present bond being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Bidder shall have no claim against us for making such payment.
5. We Bank Ltd, further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the Tendered from time to time or to postpone for any time of from time to time any of the powers exercisable by the Purchaser against the said Bidder and to forebear or enforce any of the terms and conditions relating to the said contract and we, Bank Ltd., shall not be released from our liability under this guarantee by reason of any such variation or extension being granted to the said Bidder or for any forbearance by the Purchaser to the said Bidder or for any forbearance and or omission on the part of the Purchaser or any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision have the effect of so releasing us from our liability under this guarantee.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Bidder.

Date

Place

Signature

Witness

Printed name

Bank's common seal)

**ANNEXURE-VII**

**BIDDER PROFILE AND DETAILS OF BANK ACCOUNT FOR PAYMENT**

<b>SL NO</b>	<b>PARTICULARS</b>	<b>TO BE FILLED BY THE BIDDER</b>
1	NAME OF COMPANY	
2	ADDRESS, TELEPHONE & FAX	
3	AUTHORISED PERSON & MOBILE	
4	COMPANY REGISTRATION DETAILS	
5	AVERAGE TURNOVER OF LAST 3 YR	
6	IT RETURNS OF LAST THREE YEARS	
7	NAME OF BANK	
8	BRANCH ADDRESS OF BANK	
9	IFSC CODE	
10	MICR CODE	
11	ACCOUNT NUMBER	
12	TYPE OF ACCOUNT	
13	PAN DETAILS	
14	GST DETAILS	

I, hereby, declare that the details given above are true, correct and complete.



## SIGNATURE OF BIDDER/ Authorized representative

## ANNEXURE- VIII

CHECK LIST

SL. NO.	PARTICULARS	ENCLOSED	
		YES	NO
1	PROOF OF ENTITY HAVING 5s YEARS EXISTENCE		
2	PROOF OF FINANCIAL TURNOVER OF LAST THREE YEARS		
3	PROFILE/ SET UP/ ESTABLISHMENT IN INDIA		
4	PROOF OF MSME/STARTUP/ SC/ST/WOMEN ENTERPRENEUR		
5	PROOF OF EXPERIENCE		
6	SUBMISSION OF NON-BLACKLISTING		
7	PROOF OF TENDER FEES		
8	SUBMISSION OF PRE-BID DECLARATION		
9	SUBMISSION OF INTEGRITY PACT		
10	SUBMISSION OF CONFIDENTIALITY DECLARATION		
11	SUBMISSION OF BANK DETAILS		
12	SUBMISSION OF DECLARATION		
13	PHOTOCOPY OF PAN/ AADHAR CARDS		
14	SIGNED PHOTOCOPY OF THE TENDER		
15	CANCELLED CHEQUE FOR E - PAYMENTS		
16	SUBMISSION OF TECHNICAL BID (ENVELOPE PART I)		
17	SUBMISSION OF PRICE BID (ENVELOPE PART II)		
18	DULY SIGNED CHECK LIST		
19	ANY OTHER DOCUMENT/S BEING SUBMITTED (PLEASE SPECIFY)		

**Note: Please tick (✓) in the right column**

**Please remember that the above list is illustrative and not exhaustive. The bidder shall therefore do through the tender very carefully to ensure all required papers in support are enclosed otherwise the bid will be rejected.**