

Proposal to invite Quotation to co-locate Data Centre at Bangalore

1. Introduction:

Ministry of Housing and Urban Development (MoHUA), Government of India launched Smart City Mission to develop cities throughout the country as Smart Cities and Belagavi is selected in first batch of 20 cities among nominated 98 cities, known as "20 Lighthouse Cities" in the first round of the All India City Challenge competition by MoHUA. Accordingly, Belagavi Smart City Limited is incorporated as limited company under Companies Act, 2013, for implementation of Smart City Mission. The SPV will plan, apprise, approve, release funds, implement, manage, operate, monitor and evaluate the Smart City projects in accordance with Smart City Mission guidelines of the GoI and GoK.

2. Project Brief:

Belagavi Smart City Limited is establishing Integrated Command and Control Centre (ICCC) at Belagavi and the work is awarded to *Bharat Electronics Limited Bangalore* as System Integrator (SI).

Front end of said ICCC is envisaged to be established at Belagavi as Command and Control centre with establishment of field devices for Smart tracks viz Smart Water, City Surveillance, Solid Waste Management, Adaptive Traffic Control System, Intelligent Transport System (ITS), Intelligent Pole, Emergency Services, E Governance, Smart Parking, Smart Lighting, Smart STP along with storage server (to store video feeds of city surveillance). Back end of ICCC has to be hosted at a Data Centre at Bangalore.

We require Data Centre on Co-location basis with following infrastructure:

- 1. Rack Space**
- 2. Electricity & Air Conditioning**
- 3. Facility Management Services**
- 4. Space for two Engineers to operate the data centre on roaster basis (shift wise)**
- 5. Other necessary infrastructure pertaining to Tier 3 Data Centre Norms.**

Following components shall be placed in Data Centre by SI as per BoQ mentioned in RFP:

Sr No	Data Centre Components	Quantity
1	Server Racks - 42 U with Accessories, with complete electrical connections	2
2	Core Router	2
3	Internet Router	2
4	Firewall and IPS/IDS	2
5	Core Switch (L3)	2
6	L2 Switch - 48 Port	2
7	San Switch	1
8	Storage - 50 TB (usable)	1
9	Anti virus Suite / Gateway, Backup s/w	1
10	LTO (Back Up Drives)	1
11	Blade chassis	2
12	Blade Server	10
13	Virtualization Software	10
14	Cluster Suite	1
15	Multi-tenancy City Operations Platform - IoT Platform/Data Normalization software & City Operation Centre Software	1
16	City Tenant activation license with one lakh device connection	1
17	Integration of various sensors, applications/systems	1
18	Operator Client License	25
19	SLA, Helpdesk & EMS Solution	1
20	VMS Solution	1
21	Web Application Firewall (WAF), DDoS, Security Information and Event Management Monitoring (SIEM), Advance Persistence Threat Notification (APTN)	1

3. Scope of Works:

Scope of co-location services includes the following:

- Provision of 2*42 U Rack Space as per the current Government Norms and caging as per Smart city norms.
- Provision of Electricity & Air Conditioning: 10 KVA of power requirement per rack, i.e. total of 20 KVA to cater to current requirement and the Client has requested for factoring additional 20 KVA for additional 2 Racks for future

requirement.

- c) Provisioning of 2 Workstation seating space for BSCL Operators working in three shifts on roaster basis.
- d) Provisioning of other necessary infrastructure pertaining to TIER -III Data Center Norms.

4. Contract Period:

The contract period for the collocation services is for period of 5 years.

5. Submission format:

(A) One Time Service Charges:

Sl.	Description of Activities	Total Charges in ₹ *
1	a) Co-location implementation activities. b) Support for leased line commissioning. c) Installation of separate caging.	

* The proposed charges are exclusive of applicable taxes (GST@18%).

(B) Annual Recurring Charges:

Sl.	Description of the Service	Quantity	Unit price per annum	Charges in ₹ *
1	Collocation Service for 42 U Rack Space at STPIB Datacenter with 10 KVA of rated power. <i>(Note: The charges are based on the Rated power of the Equipment.)</i>	2		
2	Soft link Service for 10 Mbps	5 E1		
3	Provision for 2 Seater spacefor SI members.	2		
Total (Exclusive of Taxes):				

Hence interested participants are requested to submit a technical and financial proposal to provide the necessary space at their Data Centre to place above mentioned necessary hardware to co locate Data Centre by 18.02.2019.

6. Date & Place of Submission

Quotations are invited to submit technical and financial proposal in *Letter of submission (in your office letter head)* addressed to:

Managing Director
Belagavi Smart City Limited
City Corporation office at C.T.S No: 197,
GuruwarPeth, Tilakwadi, Belagavi-590006.

Completed Quotations documents shall be submitted on or before 18.02.2019 IST
17:00hrs in Hardcopy.

For further details and information please contact BSCL office at email:
bscltd16@gmail.com or Phone No: 0831-2461352.


Managing Director
Belagavi Smart City Limited