

Sub: Invitation of EOI for empanelment of Application Service Providers for providing various ICT based New Business solutions to BSNL customers especially in Government/semi-Government sectors.

Introduction:

Bharat Sanchar Nigam Ltd (BSNL), a wholly owned Public Sector Enterprise of the Govt of India is a leading Telecom Service Provider in the country with PAN-India presence except in Delhi and Mumbai Metro Cities. It has dominant market share in landline telephony, Cellular Mobile, Internet and Broadband services, Leased line/MPLS-VPN connectivity, Internet Data Centres etc with a large enterprise customer base all over the country. BSNL has also State-of-the-Art Tier-III Data Centers located at six major locations across India at Ahmedabad, Faridabad, Ghaziabad, Ludhiana, Jaipur and Mumbai. From these Data Centres BSNL provides cloud based and hosted data centre services to its various clients.

For functional convenience, BSNL has divided its business in four broad verticals namely Consumer Mobility, Consumer Fixed Access, Enterprise Business and New Business. Due to M- Governance, E-Governance, Digital India, Smart Cities policies of Govt, the demand for a wide range of services based on ICT platform involving M2M and internet of things (IOT) etc has increased manifold in recent times. The coming years are likely to see a big boom in the areas of E/M-Governance, Digitalisation and Smart City Solutions, besides the other applications of M2M and IOT. In the wake of Government thrust on initiatives focussing primarily on technology based services for improving governance and citizen services, BSNL envisages huge potential in the field of ICT and E/M-Governance services. BSNL being a major service provider having largest coverage area in the country and having in-house data centre facilities at important locations can drive its business growth by making focussed efforts and planned initiatives in these new emerging areas.

Accordingly, BSNL invites proposal from Application Service Providers (ASP) who has the capability of providing customised ICT based solutions for Govt Departments, PSUs, Enterprise customers etc and is willing to work with BSNL in the New Business areas. The ASP should have sound domain knowledge of the target customers so that it can conceptualise, develop, implement and support cutting edge solutions, utilising the mobile and data centre services of BSNL. ASP should have experience of integration of the software application, Mobile App with SDP, OTA, SMSC etc.

The responsibility of exploring the opportunity, bringing/designing solution, hardware, software and managing the same will be that of BSNL partners i.e. ASP. A variety of business models viz CAPEX based, OPEX based, CAPEX & OPEX based can be required to be implemented as per the decision of the customer. BSNL intends to target the emerging new areas like E/M-Governance, Smart City and Digitalisation projects and will offer ICT based solutions to its customers on turnkey basis by utilising its in-house strength of connectivity and IDC services.

Salient points regarding eligibility conditions, list of documents required, scope of work and other terms and conditions are given below:-

1.0 Eligibility Qualifications

The bidder is required to meet the following criteria and submit documentary proof as under seriatim along with their offer:-

- (i) The bidder should be a corporate entity/Firm duly incorporated in India under the relevant law and engaged in the business of providing E-GOV, M-GOV, M2M, IOT and Smart City Solutions. **(Copies of MOU, Article of Association, Certificate of incorporation to be submitted).**
- (ii) The bidder's profile alongwith its turnover in the last three years shall be submitted. The bidder must have a minimum average annual turnover of Rs. 1.0 crore (Rs. One crore) during the previous three year period. **(Attach documentary evidence)**
- (iii) The bidder should have a positive networth in consecutive last three years. **(Copy of the same certified by CA to be submitted)**
- (iv) The bidder should have a valid GST/CST/State VAT/TIN registration certificate. **(Copies of relevant tax/registration certificates to be submitted)**
- (v) Joint venture/consortium (with maximum 2 members/partners) for qualifying as Application service provider shall be acceptable. The technical & financial criterias can be met separately. However, the member fulfilling the technical criterias will be the lead member of the consortium.
- (vi) The bidder or any of the promoters/directors/consortium & joint venture partner or member should not have been defaulted/blacklisted regarding bad performance/delayed delivery or for any other reason by any Central/State Govt departments, Autonomous bodies, Private organisation from participating in projects either individually or as a member of a consortium as on the date of submission of EOI. **(Attach a undertaking)**
- (vii) The bidder must comply with all regulatory and legal guidelines issued by GOI/DOT/TRAI regarding M-Gov, E-Gov, IOT/M2M & Smart City Solutions. **(Attach an undertaking confirmation)**
- (viii) The bidder should have prior experience of supply, installation and commissioning of solutions with a minimum of 3 corporate customers including Govt deptt/organisation, PSU & ULBs. **(The Project completion certificates, along with a copy of work order/contract/agreement from the client/owner to be submitted)**
- (ix) The bidder should also submit a declaration stating that in case BSNL jointly participates in the tender with the bidder then the bidder should be ready to submit the performance security/EMD etc on back to back basis as per value/amount required by the tendering authority. **(Attach an undertaking confirmation)**

- (x) The bidder should submit a declaration that they are ready to undertake a pilot project at his own cost if so desired by BSNL. **(Attach an undertaking)**
- (xi) The bidder should have experience of implementing any ICT based M-Gov, E-Gov M2M/IOT and Smart City Solutions during the last three years. (Documentary proof to be submitted)

Or

The bidder should have implemented at least one ICT based software system capable of collecting, processing and analysing data on daily basis. The system must be collecting data from multiple locations in geographical areas. (Copy of purchase order and/or completion certificate for having implemented such system should be provided)

2.0 Scope of work

The scope of work in general but not limited to the following is given below:-

- (i) The ASP should be capable of conceptualizing, developing and marketing on its own, innovative cutting edge ICT based solutions.
- (ii) ASP's system should be capable of integrating with GSM network elements like SMSCs, OTA, SDP etc for extending various solutions for masses helping BSNL to generate additional revenue from these services.
- (iii) Integration of Application servers with the SMSC/SDP/OTA etc over SMPP/PARLEX/XML/CORBA or any other protocol specified by the customer shall be responsibility of the ASP
- (iv) The real time MIS shall be made available for BSNL officials regarding statistics of the SMS traffic MO and MT for short codes based on key words so that appropriate billing can take place.
- (v) Providing a set of tools to enable all relevant parties to retrieve statistical information regarding all system activities such as number of transactions for each department, delivery reports, transactions effected by each mobile service provider network etc. The tools shall be capable of generating standard reports and shall be able to provide customised reports. The reporting system shall offer the web interface with a login. Summary reports should also be possible to be delivered /retrieved from mobile phones by the designated officials.
- (vi) The ASP's solutions in general should be able to enhance and scale the software application to meet the changing needs of the customer, the changing technologies and changing regulatory environment as well.
- (vii) These features are indicative and not exhaustive. Any other details of the software/services to be offered may also be provided with the specific proposal to the concerned customer after the approval by BSNL.
- (viii) After completely understanding the requirement of the customer, ASP will be responsible to prepare a techno-commercial proposal and submit the same to BSNL.

BSNL will examine the same and offer them to the customer after adding costs of BSNL services alongwith its administrative costs.

- (ix) The Smart City, E-Governance, M-Governance and M2M solutions generally involves devices also that need to be managed (Provision, de-provision, suspend, control, trouble shoot, test, map to a Connection ID etc). Thus the ASP will be responsible for providing the hardware as well as software apart from all such devices wherever required by the customer.

3.0 Role & Responsibility of the Application Service Provider

Apart from the responsibilities assigned in the scope of work, the Application Service Provider will be also responsible for the following:-

- (i) To analyse the market and find out the possibility of new business by providing ICT based solutions.
- (ii) To explore the new ideas for digitalization of public utility services in Govt/semi-Govt organisations.
- (iii) To explore the possibility for optimum utilisation of BSNL available infrastructure in providing digital solution to different Govt/semi-Govt/Corporate organisation.
- (iv) The Application Service Provider should be capable of performing all activities (except providing telecom connectivity & IDC services) required for end to end delivery of the services to the customers.
- (v) The ASP shall have to evaluate and select a right M2M device (Smart Communication Device) for the solution as per requirement of the customer.
- (vi) The ASP shall have to do integration of hardware testing with the application in real environment before finalising an M2M device (Smart Communication Device)
- (vii) The ASP shall have to do all operation and management of the M2M device including warranty.

4.0 Role and responsibility of BSNL

- (i) BSNL will do interaction with its customers individually or jointly with the Application Service Providers.
- (ii) BSNL will provide Telecom connectivity as well as IDC services for ICT based solution as per requirement of the customer.
- (iii) BSNL will provide short codes, long code & Access Point Names (APNs) for SMS, USSD, IVR etc.
- (iv) BSNL will provide Subscriber Identity Module (SIM) for the M2M solution as per requirement of the customer.

- (v) BSNL will prepare special tariff plans for M2M customers as per requirement and feasibility.
- (vi) BSNL will provide support for network related problems.

5.0 Process for empanelling Application Service Providers

After scrutinizing the document submitted by ASPs, they will be called for a Technical presentation which will include future planning and road map for executing the services in BSNL.

6.0 Signing of Agreement:

- a. This Agreement is non-exclusive and nothing in this Agreement will be construed to prevent either Party from entering into a similar Agreement with any other Party or to restrict such Party from directly engaging in related activities.
- b. BSNL intends to sign a master service agreement with the ASP partner in which majority of terms & condition shall be available, however if required, an addendum agreement may be signed with the ASP depending upon the commercials of the project. The addendum agreement and other requirements of the project shall be finalized in discussion with the ASP. The master service agreement with the ASP shall be signed after empanelment.

7.0. Engagement with BSNL Customer:

S N	Type of Business Engagements	Approach
1	Customer floated EOI/RFP.	Scenario-1: BSNL, individually or jointly, participate in EOI/RFP floated by customer Scenario-2 ASP participated in this EOI/RFP floated by customer.
2	BSNL approaches Customer or vice-versa for Nomination Business.	Scenario-1: Customer ready to reimburse the cost quoted by BSNL, as jointly decided in consultation with selected ASP. Scenario-2: Customer wants competitive price/cost to be discovered for solution. Scenario-3: Customer asks BSNL to float an open ended EOI.
3	ASP on-board customer.	ASP on-board customer. ASP choose BSNL as Telecom Partner

7.1 As shown in above table, there are different modes of engagement with enterprise customer. Procedures for different engagements are as follows:

7.1.1 Customer floated EOI/RFP:

- a) **Scenario-1:** Selection of ASP will be at sole discretion of BSNL. Before bidding, BSNL may enter into negotiation with empanelled ASPs and select the one based on technical and financial competency to execute the project, revenue to BSNL etc.
- b) **Scenario-2:** ASP participated in EOI/RFP floated by customer. If more than one ASP is participating in EOI/RFP, BSNL may partner with any one or more partners to be decided on case to case basis.

7.1.2 BSNL approaches Customer or vice-versa for Nomination Business. In this case BSNL may select one of empanelled ASP or go for the EOI based on customer's requirement.

- a) **Scenario-1: Customer ready to reimburse:** If customer is ready to reimburse the cost of the project as per their requirement then the BSNL may engage with any of ASP based on requirement of customer and other commercials and quote the cost of the project to customer after including BSNL's charges and other License Fee/Corporate tax etc.
- b) **Scenario-2: Customer agrees for engaging with BSNL empanelled vendors:** BSNL may ask quotes from empanelled ASPs as per the requirement and selects one ASP. Quote of the selected ASP may be sent to customer after including BSNL's charges and other License Fee/Corporate tax etc.
- c) **Scenario-3: Customer asks BSNL to float an EOI:** If customer wants a competitive price for their requirement and ask BSNL to float an open ended EOI, then BSNL draft & float an EOI in consultation with customer as per their requirement and ASP will be finalized by BSNL for Customer as per EOI Terms & Conditions. Empanelled ASP are also free to participate in EOI.

7.1.3 ASP on-boards customer: If ASP approaches customer with solution as per their requirement and customer agree & approve the solution of ASP. Then BSNL may enter into the negotiation with the ASP and enter into the agreement as per agreed commercials**7.2 Procedure for selection of ASP:**

- (i) Quotes will be asked from Empanelled ASPs (EASP) as per requirements from customers.
- (ii) First right of refusal should remain with the EASP, whose Prototype was selected by customer. It means, the quote of other EASP, if found to be L1, then such L1 rate may be offered first to the EASP, whose Prototype/proposal was selected by customer. If such EASP does not accept the offered L1 rate, the work may be awarded to the EASP, who quoted the L1 rate.
- (iii) In order to bring seriousness in the offer from other EASP, suitable provision of EMD may be kept. In case, EASP refuses to accept its own quoted rate, EMD could be forfeited by BSNL in addition to other punitive actions like blacklisting etc.

7.3 The proposal should be submitted by ASP, signed by authorized signatory.**7.4** If required, a Proof of Concept (POC) testing may be conducted at a circle/SSA level to check the technical feasibility or to conduct a Demo for customer. BSNL will provide the necessary connectivity and other hosting infrastructure for POC on no additional cost to BSNL.

7.5 BSNL may sign a separate agreement with Customer and ASP or may sign a combined tripartite agreement based on the proposal and discussions with Customer's on case to case basis.

7.6 In case BSNL signs separate agreement with Customer and ASP and there is a technology partner to the ASP as well, in such a case BSNL may sign a tri-partite agreement (BSNL-Customer-ASP) making the technology partner a party in the agreement.

7.7 A quotation will be sent by BSNL to customer for their consent. Quotation to be sent to customer will include all necessary terms & conditions and the price will be inclusive of License fee, spectrum charges, Govt. Tax, octroi tax or any other levy payable to government pertaining to the service.

8 Commercial Terms & Conditions:

8.1 Salient points for Commercial model for New Business services are as follows:

8.1.1 ICT based solution & services are a novel approach in telecom domain and presently in its progressive stage in India. Like standard BSNL policies and services it is not feasible to fix standard revenue share with ASP. For such services, Fixed and variable revenue share for BSNL is introduced.

8.1.2 Fixed revenue share for BSNL: Fixed minimum revenue share for BSNL is for using its name and goodwill for grabbing opportunities

8.1.3 Variable revenue share for BSNL (X):

Rest of the share will be divided between BSNL and ASP as per proportionate investment planning. In a scenario where the investment in Equipment is done by the vendor and telecom services, infrastructure, customer interfacing etc is being handled by BSNL then the total cost of the project is calculated and revenue share is being taken in proportion. The revenue share will be finalized after negotiation with ASP on case to case basis and on the matrix of responsibilities defined to each as per requirements of customer. Value of X shall be calculated on basis of quantum of work & responsibilities handled by BSNL i.e. Telecom services (Connectivity, SIM etc.), infrastructure (like Data Centers, Towers etc), customer interfacing, manpower for field service etc.

8.1.4 Revenue share table:

BSNL Share		ASP share
Fixed (A)	Variable (B)	Variable (C)
20%	X%	(80-X)%

8.2 Performance Bank Guarantee (PBG):

The ASP shall submit a Bank guarantee of 5% of the cost of the project (i.e. amount quoted to enterprise customer) to BSNL at the time of signing of Agreement. However it is to be mentioned that the ASP will be solely responsible for all the activities done by the technology partner (if it exists).PBG shall be valid for the entire duration of agreement with ASP. BSNL shall reserve the right to encash the BG in case the ASP or its partner withdraw from the agreement citing commercial/ business case reasons or any other reason not mentioned in the agreement.

8.3 It is expected that in addition to the various costs the following costs shall also be born by the ASP.

- (i) Commission to other aggregators/integrators of billers
- (ii) Octroi tax, VAT etc pertaining to M2M service, if any, on actual basis.
- (iii) Any other cost which is mutually agreed

8.4 Costs to be taken into account before division of revenue share between BSNL & ASP: Following shall be removed from the revenue received from Customer before sharing with the ASP

- (i) License fee, spectrum charges, corporate tax any other levy payable to Licensing Authority pertaining to Telecom service, if any, on actual basis.
- (ii) Any other cost which is mutually agreed

8.5 Duration of Agreement: 3 years (36 months) initially and thereafter on mutual negotiations.

8.6 Empanelment Fee: The empanelled ASP has to pay non-refundable Rs 1.0 Lakh as empanelment fee in the form of Demand draft in favour of "BHARAT SANCHAR NIGAM LIMITED, LUCKNOW".

8.7 Submission of EMD, PBG etc: No BG is required to be deposited at the time of empanelment. The same will be decided at the time of signing agreement for execution of projects on case to case basis.

9.0 Other Terms and Conditions

- (i) This EOI should not be treated as a commercial tender document and bidders are advised not to offer any price or include any financial aspect with their response.
- (ii) This EOI does not constitute and will not be deemed to constitute any commitment or confirmation on part of BSNL for any purchase/work order to the bidders.
- (iii) Bidders shortlisted in the aforesaid EOI shall be required to sign an Agreement with BSNL on mutually accepted terms and conditions. The validity of such Agreement shall be 3 years which may be extended or curtailed at the sole discretion of BSNL and the performance of individual organisation.
- (iv) The bidder shall bear all cost associated with the preparation and submission of its response to this EOI including cost of demo/presentation for the purpose of clarification of the offer if so desired by BSNL. BSNL will in no case be responsible for these costs regardless of the conduct or outcome of the EOI process.
- (v) EOI document duly completed and signed by the authorise signatory should be submitted in a sealed cover superscribing "EOI for empanelment of Application Service Providers for providing new business solutions to BSNL customers specially in Government/semi-Government sectors"
- (vi) Due diligence should be exercised while providing information against the EOI. Unnecessary or irrelevant information will not give any advantage to the bidder. Only relevant and precise information should be provided. If any information provided by the bidder is found to be incorrect at any stage it would render his or her bid liable for rejection and the empanelment fee shall be forfeited.

(vii) At any time prior to the last date of receipt of the offers, BSNL may for any reason whether at its own initiative or in response to a clarification requested by prospective bidder modify the EOI document and all formats including Annexures by issuing clarification and/or amendment. In order to provide prospective bidders reasonable time to take the amendment into account in preparing their offers, BSNL may, at its sole discretion, extend the last date for receipt of offers and or make other changes in the requirement set out in the invitation for EOI.

(viii) While this EOI has been prepared in good faith neither BSNL nor its employees make any representation or warranty, express or implied or accept any responsibility or liability whatsoever in respect of any statement or omission herein or the accuracy, completeness or reliability of information and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this EOI even if any loss or damage is caused by any act or omission on their part.

Bidders who are willing to work with BSNL on non-exclusive basis and strictly on back to back terms and conditions may kindly send their EOI in line with the aforesaid requirements up to dated..... to the office of:

**Assistant General Manager (EB-III)
Bharat Sanchar Nigam Limited,
EB Cell, First Floor, Bhopal House,
Lal Bagh, Lucknow, 226001.**

Note: This policy is open-ended and any company which is interested and meets the liability condition may submit its proposal on any working day. **BSNL would further reserve the right of periodic review of the entire policy or any element thereof based on its business needs.**