

Clearification No:1

For

Procurement of Suply (Hardware+
Software+ installation) For SMSC Project.

AFTEL/1404/G-05/NCB

Clearifications to the queris of the bidder.

Number	Questions	answers
1	Do you need Mobile Number Portability(MNP) feature ?	MNP is still not mandatory from the government's side, and the operators are not following it. However, in the future, if the government enforces it, we must be able to provide it. Therefore, the system should have the ability to handle this feature.
2	Please share P2P , A2P, P2A TPS if possible for 2000 TPS ?	It is general capacity; we cannot break it down. We will use this capacity as a shared pool for all types of SMS.
3	What is the charging protocol used for postpaid users ? Diameter/SMPP+ or any other method	DCC/smpp ARE used for both type of charging .
4	Do you want to generate Billing CDR ? If yes, what the format required ? CSV ?	Yes, billing CDR is needed. The standard format for CDR is ASN.1, and for report exports, CSV and Tableau are acceptable.
5	Do you prefer VM of Physical HW for deployment ? If Physical Hardware, do we need to quote for phisical Hardware or do yo provided that when we provided the required hardware speciications ? Also do we need to provide virtual platform on top of it ?	This project includes hardware as well, so you should provide hardware that supports virtualization.
6	Do we need to proposed Rack, network switches,etc or will you provided those ?	For SMSC hardware, a rack and networking device are necessary.
7	Do you have STP or GMSC in your network infrastructure ?	currently we use GMSC
8	Do you need separate Bulk SMS Application apart from SMSC ?	No, the broadcasting system should not be embedded into the SMSC. Only access should be provided, using a different policy group.

9	Do you need following Advanced SMS features ? - SMS Forwarding capability - SMS Copy Capability - SM Group Sending - SM Auto Reply etc	Yes , these are basic function SMSC .
10	Post paid/Prepaid User Identification & charging and How to identify the user type ? Also explain charging methods used for prepaid & postpaid customers	There is no need to identify whether the user is postpaid or prepaid; we will configure them as needed.
11	Are you agree for remote installation (via VPN) & remote training ?	NO everthing should be on site .
12	Do you want Geo Redundancy and N+1 site redundancy ?	No, it is a single-site SMSC with full in-site system redundancy architecture.
13	Assume GT & Point codes will be provided for both sites separately. Pls confirm	Single GT is confirmed .
14	For firewalling, do you want to monitor offnet traffic (SRI & MT towards home operator) too ?	Sure we must monitor the of net traffic .
15	Assume you will be support for Sigtran M3UA connections for SS7 communication Pls confirm.	Confirmed
16	Do we need to connect HSS & MME nodes via Diameter signaling ?	Sure . Both Diameter and Sigtran .
17	what will be the expected subscriber for present solution & next 5yrs projection about subscriber	Currently, 5 million subscribers are expected. The future of it is not clear.
18	what are the key feature & 3GPP compliance requires	Yes, the SMSC should follow 3GPP standards and, as needed, be customizable to support non-3GPP requests as well.
19	Other than SMSC solution, Infra will be provided by Salaam telecom	If you mean infrastructure it is already exist .
20	is SMSC firewall will be additional requirement	No it is included in the SMSC .
21	is any link will be share for Pre bid online meeting	There is no Pre-bid meeting either in Present or online.

22	The bidder is required to provide the bid security at the time of or following the tender submission."	The bid security is compulsory for submitting offer on the deadline submission date. For further information please refer to clause No: 21.2(page No:15) of the bidding document.
----	--	---