

 **NETBID**
Angermann & Lüders**ZTE****Teaser for Wimax systems – ZTE Telecommunications equipment**

1. Complete wimax system comprising of 50 base stations and supporting core network for 100 000 users and 8 Gbps of user traffic.
2. Complete wimax system comprising of 25 base stations and supporting core network for 100 000 users and 8 Gbps of user traffic.

Systems and all equipment was part of a turn key solution that ZTE was providing (project was delayed at the point of goods import), which assures that all hardware and software elements for a complete solution are in a warehouse.

Basic equipment list for the first (1.) system:

1 x AAA system (accounting and user database system) - 18K sub license
1 x AGW system (base station controller system) - 6Gbit license
1 x LIG (lawfull interception gateway compliant with ETSI standards) - 2K sub license
8 x ZTE 8905 core network switch
4 x ZTE M6000 core network router
4 x ZTE (Juniper) core network firewall
1 x PSU 48V 200A rack
1 x monitoring and control system (NOC)
1 x SBCX (voice session border controller - "voice firewall")
50 x base station (3 sector 3.5ghz wimax mobile standard 802.16e) complete sets with outdoor cabinets and 25x4h and 25x8h backup time batteries)
4 x NR8250 MW link sets with 0,6m antenna sizes and licenses for 200mbit at 18GHz

Basic equipment list for the second (2.) system:

1 x AAA system (accounting and user database system) - 8K sub license
1 x AGW system (base station controller system) - 2Gbit license
1 x LIG (lawfull interception gateway compliant with ETSI standards) - 1K sub license
2 x ZTE 8902 core network switch
2 x ZTE M6000 core network router
2 x ZTE (Juniper) core network firewall
1 x PSU 48V 200A rack
1 x monitoring and control system (NOC)
1 x SBCX (voice session border controller - "voice firewall")
25 x base station (3 sector 3.5ghz wimax mobile standard 802.16e) complete sets with outdoor cabinets and 4h backup time batteries)
25 x NR8250 MW link sets with various antenna sizes (0,3m-1,2m) and licenses for 100mbit, 200mbit and 400mbit) at 18 GHz

Detailed equipment list is available per request.

Every part of the core system is fully redundant including servers, routers and switches. Servers are all HP. Software is linux, Windows and Oracle.

Equipment is located in a secured and safe customs warehouses. All boxes are unopened with original ZTE seals.

The equipment is upgradable to TD-LTE standard via hardware and software update from ZTE.