TANGO®
REGISTRY SERVICES

Auction EPP Extension

for the .man TLD

Knipp Medien und Kommunikation GmbH

TANGO®
REGISTRY SERVICES

1. Schema Definition (Formal Syntax)

```
<?xml version="1.0" encoding="UTF-8"?>

<schema targetNamespace="http://xmlns.tango-rs.net/epp/auction-1.0"
    xmlns:auction="http://xmlns.tango-rs.net/epp/auction-1.0"
    xmlns:eppcom="urn:ietf:params:xml:ns:eppcom-1.0"
    xmlns="http://www.w3.org/2001/XMLSchema">

  <annotation>
    <documentation>
      Extensible Provisioning Protocol v1.0
      domain name extension schema for auction data
      processing for the .man registry.
    </documentation>
  </annotation>


  <!-- child elements found in EPP commands -->

  <element name="create" type="auction:requestType"/>
  <element name="update" type="auction:requestType"/>

  <!-- child elements of the transform commands -->
  <complexType name="requestType">
    <sequence>
      <element name="bid" type="auction:bidType"/>
    </sequence>
  </complexType>


  <!-- child response elements -->

  <element name="infData" type="auction:infDataType"/>

  <!-- response elements -->
  <complexType name="infDataType">
    <sequence>
      <element name="bid" type="auction:bidType"/>
    </sequence>
  </complexType>


  <!-- common types -->

  <simpleType name="nonNegAmount">
    <restriction base="decimal">
      <minInclusive value="0"/>
      <fractionDigits value="2"/>
    </restriction>
  </simpleType>

  <!-- a currency specified by its ISO 4217 country code -->
  <simpleType name="currencyType">
    <restriction base="token">
      <length value="3"/>
    </restriction>
  </simpleType>

  <!-- a bid -->
  <complexType name="bidType">
    <simpleContent>
```

```
      <extension base="auction:nonNegAmount">
        <attribute name="currency" type="auction:currencyType"
            use="required"/>
      </extension>
    </simpleContent>
  </complexType>

</schema>
```

2. Examples

In the following examples, "C:" represents lines sent by an EPP client and "S:" represents lines returned by the MAN SE EPP server.

2.1. EPP <info> Command

2.1.1. Example <info> response with a bid:

```
S:<?xml version='1.0' encoding='UTF-8'?>
S:<epp xmlns='urn:ietf:params:xml:ns:epp-1.0'
S:    xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
S:    xsi:schemaLocation='urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd'>
S:  <response>
S:    <result code='1000'>
S:      <msg lang='en-US'>Command completed successfully</msg>
S:    </result>
S:    <resData>
S:      <domain:infData xmlns:domain='urn:ietf:params:xml:ns:domain-1.0'
S:          xsi:schemaLocation='urn:ietf:params:xml:ns:domain-1.0
S:          domain-1.0.xsd'>
S:        <domain:name>example.man</domain:name>
S:        <domain:roid>D123456789-COM</domain:roid>
S:        <domain:status s='active'/>
S:        <domain:registrant>abc123</domain:registrant>
S:        <domain:contact type='admin'>def456</domain:contact>
S:        <domain:contacttype='tech'>ghi789</domain:contact>
S:        <domain:ns>
S:          <domain:hostObj>ns1.example.net</domain:hostObj>
S:          <domain:hostObj>ns2.example.net</domain:hostObj>
S:        </domain:ns>
S:        <domain:clID>registrar</domain:clID>
S:        <domain:crID>registrar</domain:crID>
S:        <domain:crDate>2010-09-08T07:06:05.0Z</domain:crDate>
S:        <domain:exDate>2012-09-08T23:59:59.0Z</domain:exDate>
S:        <domain:authInfo>
S:          <domain:pw>secret</domain:pw>
S:        </domain:authInfo>
S:      </domain:infData>
S:    </resData>
S:    <extension>
S:      <auction:infData
S:          xmlns:auction="http://xmlns.tango-rs.net/epp/auction-1.0"
S:          xsi:schemaLocation="http://xmlns.tango-rs.net/epp/auction-1.0
S:          auction-1.0.xsd">
S:        <auction:bid currency="EUR">10000.00</auction:bid>
S:      </auction:infData>
S:    </extension>
S:    <trID>
S:      <clTRID>abc-00042</clTRID>
S:      <svTRID>ZYX-99958</svTRID>
S:    </trID>
S:  </response>
S:</epp>
```

2.2. EPP <create> Command

2.2.1. Example <create> command:

```
C:<?xml version="1.0" encoding="UTF-8"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0"
C:    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
C:    xsi:schemaLocation="urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd">
C:  <command>
C:    <create>
C:      <domain:create xmlns:domain="urn:ietf:params:xml:ns:domain-1.0"
C:          xsi:schemaLocation="urn:ietf:params:xml:ns:domain-1.0
C:          domain-1.0.xsd">
C:        <domain:name>example.man</domain:name>
C:        <domain:period unit="y">1</domain:period>
C:        <domain:ns>
C:          <domain:hostObj>ns1.example.net</domain:hostObj>
C:          <domain:hostObj>ns2.example.net</domain:hostObj>
C:        </domain:ns>
C:        <domain:registrant>abc123</domain:registrant>
C:        <domain:contact type="admin">def456</domain:contact>
C:        <domain:contact type="tech">ghi789</domain:contact>
C:        <domain:authInfo>
C:          <domain:pw>secret42</domain:pw>
C:        </domain:authInfo>
C:      </domain:create>
C:    </create>
C:    <extension>
C:      <auction:create
C:          xmlns:auction="http://xmlns.tango-rs.net/epp/auction-1.0"
C:          xsi:schemaLocation="http://xmlns.tango-rs.net/epp/auction-1.0
C:          auction-1.0.xsd">
C:        <auction:bid currency="EUR">5000.00</auction:bid>
C:      </auction:create>
C:    </extension>
C:    <clTRID>abc-00042</clTRID>
C:  </command>
C:</epp>
```

2.3. EPP <update> Command

2.3.1. Example <update> command:

```
C:<?xml version="1.0" encoding="UTF-8"?>
C:<epp xmlns="urn:ietf:params:xml:ns:epp-1.0"
C:    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
C:    xsi:schemaLocation="urn:ietf:params:xml:ns:epp-1.0 epp-1.0.xsd">
C:  <command>
C:    <update>
C:      <domain:update xmlns:domain="urn:ietf:params:xml:ns:domain-1.0"
C:          xsi:schemaLocation="urn:ietf:params:xml:ns:domain-1.0
C:          domain-1.0.xsd">
C:        <domain:name>example.man</domain:name>
C:        <domain:add>
C:          <domain:ns>
C:            <domain:hostObj>ns3.example.net</domain:hostObj>
C:          </domain:ns>
```

```
C:        </domain:add>
C:        <domain:rem>
C:          <domain:ns>
C:            <domain:hostObj>ns1.example.net</domain:hostObj>
C:          </domain:ns>
C:        </domain:rem>
C:      </domain:update>
C:    </update>
C:    <extension>
C:      <auction:update
C:          xmlns:auction="http://xmlns.tango-rs.net/epp/auction-1.0"
C:          xsi:schemaLocation="http://xmlns.tango-rs.net/epp/auction-1.0
C:          auction-1.0.xsd">
C:        <auction:bid currency="EUR">7500.00</auction:bid>
C:      </auction:update>
C:    </extension>
C:    <clTRID>abc-00042</clTRID>
C:  </command>
C:</epp>
```