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<?xml version="1.0"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  targetNamespace="http://www.abrasf.org.br/nfse.xsd"
  xmlns="http://www.abrasf.org.br/nfse.xsd"
  xmlns:dsig="http://www.w3.org/2000/09/xmldsig#"
  attributeFormDefault="unqualified"
  elementFormDefault="qualified">
  <xsd:import
    namespace="http://www.w3.org/2000/09/xmldsig#"
    schemaLocation="xmldsig-core-schema20020212.xsd" />

  <!-- definition of simple elements -->
  <xsd:simpleType name="tsNumeroNfse">
    <xsd:restriction base="xsd:nonNegativeInteger">
      <xsd:totalDigits value="15" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsCodigoVerificacao">
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="9" />
      <xsd:minLength value="1" />
      <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsStatusRps">
    <xsd:restriction base="xsd:byte">
      <xsd:pattern value="1|2" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsStatusNfse">
    <xsd:restriction base="xsd:byte">
      <xsd:pattern value="1|2" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsExigibilidadeISS">
    <xsd:restriction base="xsd:byte">
      <xsd:pattern value="1|2|3|4|5|6|7" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsNumeroProcesso">
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="30" />
      <xsd:minLength value="1" />
      <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsRegimeEspecialTributacao">
    <xsd:restriction base="xsd:byte">
      <xsd:pattern value="1|2|3|4|5|6" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsSimNao">
    <xsd:restriction base="xsd:byte">
      <xsd:pattern value="1|2" />
    </xsd:restriction>
  </xsd:simpleType>
  <xsd:simpleType name="tsResponsavelRetencao">

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        <xsd:restriction base="xsd:byte">
            <xsd:pattern value="1|2" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsPagina">
        <xsd:restriction base="xsd:nonNegativeInteger">
            <xsd:minInclusive value="1" />
            <xsd:maxInclusive value="999999" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsNumeroRps">
        <xsd:restriction base="xsd:nonNegativeInteger">
            <xsd:totalDigits value="15" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsSerieRps">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="5" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsTipoRps">
        <xsd:restriction base="xsd:byte">
            <xsd:pattern value="1|2|3" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsOutrasInformacoes">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="255" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsValor">
        <xsd:restriction base="xsd:decimal">
            <xsd:totalDigits value="15" />
            <xsd:fractionDigits value="2" fixed="true" />
            <xsd:minInclusive value="0" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsItemListaServico">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="5" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsCodigoCnae">
        <xsd:restriction base="xsd:int">
            <xsd:totalDigits value="7" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsCodigoTributacao">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="20" />
            <xsd:minLength value="1" />
        </xsd:restriction>
    </xsd:simpleType>

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        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsAliquota">
    <xsd:restriction base="xsd:decimal">
        <xsd:totalDigits value="6" />
        <xsd:fractionDigits value="4" />
        <xsd:minInclusive value="0" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsDiscriminacao">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="2000" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsCodigoMunicipioIbge">
    <xsd:restriction base="xsd:int">
        <xsd:totalDigits value="7" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsInscricaoMunicipal">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="15" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsRazaoSocial">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="150" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsNomeFantasia">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="60" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsCnpj">
    <xsd:restriction base="xsd:string">
        <xsd:length value="14" fixed="true" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsEndereco">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="125" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsNumeroEndereco">

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        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="10" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsComplementoEndereco">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="60" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsBairro">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="60" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsUf">
        <xsd:restriction base="xsd:string">
            <xsd:length value="2" fixed="true" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsCodigoPaisBacen">
        <xsd:restriction base="xsd:string">
            <xsd:length value="4" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsCep">
        <xsd:restriction base="xsd:string">
            <xsd:length value="8" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsEmail">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="80" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsTelefone">
        <xsd:restriction base="xsd:string">
            <xsd:maxLength value="20" />
            <xsd:minLength value="1" />
            <xsd:whiteSpace value="collapse" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsCpf">
        <xsd:restriction base="xsd:string">
            <xsd:length value="11" fixed="true" />
        </xsd:restriction>
    </xsd:simpleType>
    <xsd:simpleType name="tsCodigoObra">
        <xsd:restriction base="xsd:string">

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        <xsd:maxLength value="15" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsArt">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="15" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsNumeroLote">
    <xsd:restriction base="xsd:nonNegativeInteger">
        <xsd:totalDigits value="15" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsNumeroProtocolo">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="50" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsSituacaoLoteRps">
    <xsd:restriction base="xsd:byte">
        <xsd:pattern value="1|2|3|4" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsQuantidadeRps">
    <xsd:restriction base="xsd:int">
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsCodigoMensagemAlerta">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="4" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsDescricaoMensagemAlerta">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="200" />
        <xsd:minLength value="1" />
        <xsd:whiteSpace value="collapse" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsCodigoCancelamentoNfse">
    <xsd:restriction base="xsd:byte">
        <xsd:pattern value="1|2|3|4|5" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsIdTag">
    <xsd:restriction base="xsd:string">
        <xsd:maxLength value="255" />
    </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="tsVersao">

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        <xsd:restriction base="xsd:token">
            <xsd:pattern value="[1-9]{1}[0-9]{0,1}\.[0-9]
{2}" />
        </xsd:restriction>
    </xsd:simpleType>

    <!-- definition of complex elements -->
    <xsd:complexType name="tcCpfCnpj">
        <xsd:choice>
            <xsd:element name="Cpf" type="tsCpf"
minOccurs="1"
                maxOccurs="1" />
            <xsd:element name="Cnpj" type="tsCnpj"
minOccurs="1"
                maxOccurs="1" />
        </xsd:choice>
    </xsd:complexType>

    <xsd:complexType name="tcEndereco">
        <xsd:sequence>
            <xsd:element name="Endereco" type="tsEndereco"
minOccurs="0"
                maxOccurs="1" />
            <xsd:element name="Numero"
type="tsNumeroEndereco"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="Complemento"
type="tsComplementoEndereco"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="Bairro" type="tsBairro"
minOccurs="0"
                maxOccurs="1" />
            <xsd:element name="CodigoMunicipio"
type="tsCodigoMunicipioIbge"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="Uf" type="tsUf"
minOccurs="0"
                maxOccurs="1" />
            <xsd:element name="CodigoPais"
type="tsCodigoPaisBacen"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="Cep" type="tsCep"
minOccurs="0"
                maxOccurs="1" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="tcContato">
        <xsd:sequence>
            <xsd:element name="Telefone" type="tsTelefone"
minOccurs="0"
                maxOccurs="1" />
            <xsd:element name="Email" type="tsEmail"
minOccurs="0"
                maxOccurs="1" />
        </xsd:sequence>
    </xsd:complexType>

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    <xsd:complexType name="tcIdentificacaoOrgaoGerador">
      <xsd:sequence>
        <xsd:element name="CodigoMunicipio"
type="tsCodigoMunicipioIbge"
          minOccurs="1" maxOccurs="1" />
        <xsd:element name="Uf" type="tsUf"
minOccurs="1"
          maxOccurs="1" />
      </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="tcIdentificacaoRps">
      <xsd:sequence>
        <xsd:element name="Numero" type="tsNumeroRps"
minOccurs="1"
          maxOccurs="1" />
        <xsd:element name="Serie" type="tsSerieRps"
minOccurs="1"
          maxOccurs="1" />
        <xsd:element name="Tipo" type="tsTipoRps"
minOccurs="1"
          maxOccurs="1" />
      </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="tcIdentificacaoPrestador">
      <xsd:sequence>
        <xsd:element name="CpfCnpj" type="tcCpfCnpj"
minOccurs="0"
          maxOccurs="1" />
        <xsd:element name="InscricaoMunicipal"
type="tsInscricaoMunicipal"
          minOccurs="0" maxOccurs="1" />
      </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="tcIdentificacaoTomador">
      <xsd:sequence>
        <xsd:element name="CpfCnpj" type="tcCpfCnpj"
minOccurs="0"
          maxOccurs="1" />
        <xsd:element name="InscricaoMunicipal"
type="tsInscricaoMunicipal"
          minOccurs="0" maxOccurs="1" />
      </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="tcIdentificacaoConsulente">
      <xsd:sequence>
        <xsd:element name="CpfCnpj" type="tcCpfCnpj"
minOccurs="1"
          maxOccurs="1" />
        <xsd:element name="InscricaoMunicipal"
type="tsInscricaoMunicipal"
          minOccurs="0" maxOccurs="1" />
      </xsd:sequence>

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</xsd:complexType>

<xsd:complexType name="tcIdentificacaoIntermediario">
  <xsd:sequence>
    <xsd:element name="CpfCnpj"
type="tcCpfCnpj" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="InscricaoMunicipal"
type="tsInscricaoMunicipal" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcDadosTomador">
  <xsd:sequence>
    <xsd:element name="IdentificacaoTomador"
type="tcIdentificacaoTomador"
      minOccurs="0" maxOccurs="1" />
    <xsd:element name="RazaoSocial"
type="tsRazaoSocial"
      minOccurs="0" maxOccurs="1" />
    <xsd:element name="Endereco" type="tcEndereco"
minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="Contato" type="tcContato"
minOccurs="0"
      maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcDadosIntermediario">
  <xsd:sequence>
    <xsd:element name="IdentificacaoIntermediario"
type="tcIdentificacaoIntermediario" minOccurs="1"
maxOccurs="1"/>
    <xsd:element name="RazaoSocial"
type="tsRazaoSocial" minOccurs="1" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcValoresDeclaracaoServico">
  <xsd:sequence>
    <xsd:element name="ValorServicos"
type="tsValor"
      minOccurs="1" maxOccurs="1" />
    <xsd:element name="ValorDeducoes"
type="tsValor"
      minOccurs="0" maxOccurs="1" />
    <xsd:element name="ValorPis" type="tsValor"
minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="ValorCofins" type="tsValor"
minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="ValorInss" type="tsValor"
minOccurs="0"
      maxOccurs="1" />
    <xsd:element name="ValorIr" type="tsValor"
minOccurs="0"

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        maxOccurs="1" />
        <xsd:element name="ValorCsll" type="tsValor"
minOccurs="0"
        maxOccurs="1" />
        <xsd:element name="OutrasRetencoes"
type="tsValor"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="ValorIss" type="tsValor"
minOccurs="0"
        maxOccurs="1" />
        <xsd:element name="Aliquota" type="tsAliquota"
minOccurs="0"
        maxOccurs="1" />
        <xsd:element name="DescontoIncondicionado"
type="tsValor"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="DescontoCondicionado"
type="tsValor"
        minOccurs="0" maxOccurs="1" />
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcValoresNfse">
    <xsd:sequence>
        <xsd:element name="BaseCalculo" type="tsValor"
minOccurs="0"
            maxOccurs="1" />
        <xsd:element name="Aliquota" type="tsAliquota"
minOccurs="0"
            maxOccurs="1" />
        <xsd:element name="ValorIss" type="tsValor"
minOccurs="0"
            maxOccurs="1" />
        <xsd:element name="ValorLiquidoNfse"
type="tsValor"
            minOccurs="1" maxOccurs="1" />
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcDadosServico">
    <xsd:sequence>
        <xsd:element name="Valores"
type="tcValoresDeclaracaoServico" minOccurs="1"
            maxOccurs="1" />
        <xsd:element name="IssRetido" type="tsSimNao"
minOccurs="1"
            maxOccurs="1" />
        <xsd:element name="ResponsavelRetencao"
type="tsResponsavelRetencao" minOccurs="0"
            maxOccurs="1" />
        <xsd:element name="ItemListaServico"
type="tsItemListaServico"
            minOccurs="1" maxOccurs="1" />
        <xsd:element name="CodigoCnae"
type="tsCodigoCnae"
            minOccurs="0" maxOccurs="1" />
        <xsd:element name="CodigoTributacaoMunicipio"

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type="tsCodigoTributacao"
    minOccurs="0" maxOccurs="1" />
    <xsd:element name="Discriminacao"
type="tsDiscriminacao"
    minOccurs="1" maxOccurs="1" />
    <xsd:element name="CodigoMunicipio"
type="tsCodigoMunicipioIbge"
    minOccurs="1" maxOccurs="1" />
    <xsd:element name="CodigoPais"
type="tsCodigoPaisBacen"
    minOccurs="0" maxOccurs="1" />
    <xsd:element name="ExigibilidadeISS"
type="tsExigibilidadeISS"
    minOccurs="1" maxOccurs="1" />
    <xsd:element name="MunicipioIncidencia"
type="tsCodigoMunicipioIbge"
    minOccurs="0" maxOccurs="1" />
    <xsd:element name="NumeroProcesso"
type="tsNumeroProcesso"
    minOccurs="0" maxOccurs="1" />

    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcDadosConstrucaoCivil">
    <xsd:sequence>
        <xsd:element name="CodigoObra"
type="tsCodigoObra"
            minOccurs="0" maxOccurs="1" />
        <xsd:element name="Art" type="tsArt"
minOccurs="1"
            maxOccurs="1" />
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcDadosPrestador">
    <xsd:sequence>
        <xsd:element name="IdentificacaoPrestador"
type="tcIdentificacaoPrestador"
            minOccurs="1" maxOccurs="1" />
        <xsd:element name="RazaoSocial"
type="tsRazaoSocial"
            minOccurs="1" maxOccurs="1" />
        <xsd:element name="NomeFantasia"
type="tsNomeFantasia"
            minOccurs="0" maxOccurs="1" />
        <xsd:element name="Endereco" type="tcEndereco"
minOccurs="1"
            maxOccurs="1" />
        <xsd:element name="Contato" type="tcContato"
minOccurs="0"
            maxOccurs="1" />
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcInfrPs">
    <xsd:sequence>

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        <xsd:element name="IdentificacaoRps"
type="tcIdentificacaoRps"
        minOccurs="1" maxOccurs="1" />
        <xsd:element name="DataEmissao"
type="xsd:date"
        minOccurs="1" maxOccurs="1" />
        <xsd:element name="Status" type="tsStatusRps"
minOccurs="1"
        maxOccurs="1" />
        <xsd:element name="RpsSubstituido"
type="tcIdentificacaoRps"
        minOccurs="0" maxOccurs="1" />
    </xsd:sequence>
    <xsd:attribute name="Id" type="tsIdTag" />
</xsd:complexType>

<xsd:complexType name="tcInfDeclaracaoPrestacaoServico">
    <xsd:sequence>
        <xsd:element name="Rps" type="tcInfRps"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="Competencia"
type="xsd:date"
        minOccurs="1" maxOccurs="1" />
        <xsd:element name="Servico"
type="tcDadosServico"
        minOccurs="1" maxOccurs="1" />
        <xsd:element name="Prestador"
type="tcIdentificacaoPrestador"
        minOccurs="1" maxOccurs="1" />
        <xsd:element name="Tomador"
type="tcDadosTomador"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="Intermediario"
type="tcDadosIntermediario"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="ConstrucaoCivil"
type="tcDadosConstrucaoCivil"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="RegimeEspecialTributacao"
type="tsRegimeEspecialTributacao"
        minOccurs="0" maxOccurs="1" />
        <xsd:element name="OptanteSimplesNacional"
type="tsSimNao"
        minOccurs="1" maxOccurs="1" />
        <xsd:element name="IncentivoFiscal"
type="tsSimNao"
        minOccurs="1" maxOccurs="1" />
    </xsd:sequence>
    <xsd:attribute name="Id" type="tsIdTag" />
</xsd:complexType>

<xsd:complexType name="tcDeclaracaoPrestacaoServico">
    <xsd:sequence>
        <xsd:element
name="InfDeclaracaoPrestacaoServico"
type="tcInfDeclaracaoPrestacaoServico" minOccurs="1"
        maxOccurs="1" />
    </xsd:sequence>

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        <xsd:element ref="dsig:Signature"
minOccurs="0"
                maxOccurs="1" />
    </xsd:sequence>
</xsd:complexType>

    <xsd:complexType name="tcIdentificacaoNfse">
        <xsd:sequence>
            <xsd:element name="Numero" type="tsNumeroNfse"
minOccurs="1"
                maxOccurs="1" />
            <xsd:element name="CpfCnpj" type="tcCpfCnpj"
minOccurs="1"
                maxOccurs="1" />
            <xsd:element name="InscricaoMunicipal"
type="tsInscricaoMunicipal"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="CodigoMunicipio"
type="tsCodigoMunicipioIbge"
                minOccurs="1" maxOccurs="1" />
        </xsd:sequence>
    </xsd:complexType>

    <xsd:complexType name="tcInfNfse">
        <xsd:sequence>
            <xsd:element name="Numero" type="tsNumeroNfse"
minOccurs="1"
                maxOccurs="1" />
            <xsd:element name="CodigoVerificacao"
type="tsCodigoVerificacao"
                minOccurs="1" maxOccurs="1" />
            <xsd:element name="DataEmissao"
type="xsd:dateTime"
                minOccurs="1" maxOccurs="1" />
            <xsd:element name="NfseSubstituida"
type="tsNumeroNfse"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="OutrasInformacoes"
type="tsOutrasInformacoes"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="ValoresNfse"
type="tcValoresNfse"
                minOccurs="1" maxOccurs="1" />
            <xsd:element name="ValorCredito"
type="tsValor"
                minOccurs="0" maxOccurs="1" />
            <xsd:element name="PrestadorServico"
type="tcDadosPrestador"
                minOccurs="1" maxOccurs="1" />
            <xsd:element name="OrgaoGerador"
type="tcIdentificacaoOrgaoGerador"
                minOccurs="1" maxOccurs="1" />
            <xsd:element name="DeclaracaoPrestacaoServico"
type="tcDeclaracaoPrestacaoServico" minOccurs="1"
maxOccurs="1" />
        </xsd:sequence>
        <xsd:attribute name="Id" type="tsIdTag" />
    </xsd:complexType>

```

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</xsd:complexType>

<xsd:complexType name="tcNfse">
  <xsd:sequence>
    <xsd:element name="InfNfse" type="tcInfNfse"
minOccurs="1"
      maxOccurs="1" />
    <xsd:element ref="dsig:Signature"
minOccurs="0"
      maxOccurs="1" />
  </xsd:sequence>
  <xsd:attribute name="versao" type="tsVersao"
use="required" />
</xsd:complexType>

<xsd:complexType name="tcInfPedidoCancelamento">
  <xsd:sequence>
    <xsd:element name="IdentificacaoNfse"
type="tcIdentificacaoNfse"
      minOccurs="1" maxOccurs="1" />
    <xsd:element name="CodigoCancelamento"
type="tsCodigoCancelamentoNfse"
      minOccurs="0" maxOccurs="1" />
  </xsd:sequence>
  <xsd:attribute name="Id" type="tsIdTag" />
</xsd:complexType>

<xsd:complexType name="tcPedidoCancelamento">
  <xsd:sequence>
    <xsd:element name="InfPedidoCancelamento"
type="tcInfPedidoCancelamento"
      minOccurs="1" maxOccurs="1" />
    <xsd:element ref="dsig:Signature"
minOccurs="0"
      maxOccurs="1" />
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcConfirmacaoCancelamento">
  <xsd:sequence>
    <xsd:element name="Pedido"
type="tcPedidoCancelamento"
      minOccurs="1" maxOccurs="1" />
    <xsd:element name="DataHora"
type="xsd:dateTime"
      minOccurs="1" maxOccurs="1" />
  </xsd:sequence>
  <xsd:attribute name="Id" type="tsIdTag" />
</xsd:complexType>

<xsd:complexType name="tcCancelamentoNfse">
  <xsd:sequence>
    <xsd:element name="Confirmacao"
type="tcConfirmacaoCancelamento"
      minOccurs="1" maxOccurs="1" />
    <xsd:element ref="dsig:Signature"
minOccurs="0"
  
```

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                maxOccurs="1" />
            </xsd:sequence>
            <xsd:attribute name="versao" type="tsVersao"
use="required" />
        </xsd:complexType>

        <xsd:complexType name="tcRetCancelamento">
            <xsd:sequence>
                <xsd:element name="NfseCancelamento"
type="tcCancelamentoNfse" minOccurs="1" maxOccurs="1" />
            </xsd:sequence>
        </xsd:complexType>

        <xsd:complexType name="tcInfSubstituicaoNfse">
            <xsd:sequence>
                <xsd:element name="NfseSubstituidora"
type="tsNumeroNfse"
                    minOccurs="1" maxOccurs="1" />
            </xsd:sequence>
            <xsd:attribute name="Id" type="tsIdTag" />
        </xsd:complexType>

        <xsd:complexType name="tcSubstituicaoNfse">
            <xsd:sequence>
                <xsd:element name="SubstituicaoNfse"
type="tcInfSubstituicaoNfse"
                    minOccurs="1" maxOccurs="1" />
                <xsd:element ref="dsig:Signature"
minOccurs="0"
                    maxOccurs="2" />
            </xsd:sequence>
            <xsd:attribute name="versao" type="tsVersao"
use="required" />
        </xsd:complexType>

        <xsd:complexType name="tcCompNfse">
            <xsd:sequence>
                <xsd:element name="Nfse" type="tcNfse"
minOccurs="1"
                    maxOccurs="1" />
                <xsd:element name="NfseCancelamento"
type="tcCancelamentoNfse"
                    minOccurs="0" maxOccurs="1" />
                <xsd:element name="NfseSubstituicao"
type="tcSubstituicaoNfse"
                    minOccurs="0" maxOccurs="1" />
            </xsd:sequence>
        </xsd:complexType>

        <xsd:complexType name="tcMensagemRetorno">
            <xsd:sequence>
                <xsd:element name="Codigo"
type="tsCodigoMensagemAlerta"
                    minOccurs="1" maxOccurs="1" />
                <xsd:element name="Mensagem"

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type="tsDescricaoMensagemAlerta"
    minOccurs="1" maxOccurs="1" />
    <xsd:element name="Correcao"
type="tsDescricaoMensagemAlerta"
    minOccurs="0" />
</xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcMensagemRetornoLote">
    <xsd:sequence>
        <xsd:element name="IdentificacaoRps"
type="tcIdentificacaoRps"
    minOccurs="1" maxOccurs="1" />
        <xsd:element name="Codigo"
type="tsCodigoMensagemAlerta"
    minOccurs="1" maxOccurs="1" />
        <xsd:element name="Mensagem"
type="tsDescricaoMensagemAlerta"
    minOccurs="1" maxOccurs="1" />
    </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="tcLoteRps">
    <xsd:sequence>
        <xsd:element name="NumeroLote"
type="tsNumeroLote"
    minOccurs="1" maxOccurs="1" />
        <xsd:element name="CpfCnpj" type="tcCpfCnpj"
minOccurs="1"
    maxOccurs="1" />
        <xsd:element name="InscricaoMunicipal"
type="tsInscricaoMunicipal"
    minOccurs="0" maxOccurs="1" />
        <xsd:element name="QuantidadeRps"
type="tsQuantidadeRps"
    minOccurs="1" maxOccurs="1" />
        <xsd:element name="ListaRps" minOccurs="1"
maxOccurs="1">
            <xsd:complexType>
                <xsd:sequence>
                    <xsd:element name="Rps"
type="tcDeclaracaoPrestacaoServico"
    minOccurs="1"
maxOccurs="unbounded" >
                        </xsd:element>
                    </xsd:sequence>
                </xsd:complexType>
            </xsd:element>
        </xsd:sequence>
        <xsd:attribute name="Id" type="tsIdTag" />
        <xsd:attribute name="versao" type="tsVersao"
use="required" />
    </xsd:complexType>

<xsd:element name="ListaMensagemRetornoLote">
    <xsd:complexType>
        <xsd:sequence>

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                <xsd:element name="MensagemRetorno"
type="tcMensagemRetornoLote"
                minOccurs="1" maxOccurs="unbounded"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="ListaMensagemRetorno">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="MensagemRetorno"
type="tcMensagemRetorno"
                minOccurs="1" maxOccurs="unbounded"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="ListaMensagemAlertaRetorno">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="MensagemRetorno"
type="tcMensagemRetorno"
                minOccurs="1" maxOccurs="unbounded"
/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="cabecalho">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="versaoDados"
type="tsVersao"
                minOccurs="1" maxOccurs="1" />
            </xsd:sequence>
            <xsd:attribute name="versao" type="tsVersao"
use="required" />
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="CompNfse" type="tcCompNfse" />

    <xsd:element name="EnviarLoteRpsEnvio">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="LoteRps"
type="tcLoteRps" />
                <xsd:element ref="dsig:Signature"
minOccurs="0"
                maxOccurs="1" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="EnviarLoteRpsResposta">

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        <xsd:complexType>
            <xsd:choice>
                <xsd:sequence>
                    <xsd:element name="NumeroLote"
type="tsNumeroLote"
                        minOccurs="1" maxOccurs="1" />
                    <xsd:element name="DataRecebimento"
type="xsd:dateTime"
                        minOccurs="1" maxOccurs="1" />
                    <xsd:element name="Protocolo"
type="tsNumeroProtocolo"
                        minOccurs="1" maxOccurs="1" />
                </xsd:sequence>
                <xsd:element ref="ListaMensagemRetorno"
minOccurs="1"
                        maxOccurs="1" />
            </xsd:choice>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="EnviarLoteRpsSincronoEnvio">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="LoteRps"
type="tcLoteRps" />
                <xsd:element ref="dsig:Signature"
minOccurs="0"
                        maxOccurs="1" />
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="EnviarLoteRpsSincronoResposta">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="NumeroLote"
type="tsNumeroLote"
                        minOccurs="0" maxOccurs="1" />
                <xsd:element name="DataRecebimento"
type="xsd:dateTime"
                        minOccurs="0" maxOccurs="1" />
                <xsd:element name="Protocolo"
type="tsNumeroProtocolo"
                        minOccurs="0" maxOccurs="1" />
                <xsd:choice>
                    <xsd:element name="ListaNfse"
minOccurs="1" maxOccurs="1">
                        <xsd:complexType>
                            <xsd:sequence>
                                <xsd:element
ref="CompNfse"
                                    minOccurs="1"
                                />
                                <xsd:element
ref="ListaMensagemAlertaRetorno" minOccurs="0" maxOccurs="1"
                                />
                            </xsd:sequence>
                        </xsd:complexType>
                    </xsd:choice>
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

```

```

        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element
ref="ListaMensagemRetorno" minOccurs="1"
    maxOccurs="1" />
<xsd:element
ref="ListaMensagemRetornoLote" minOccurs="1"
    maxOccurs="1" />
</xsd:choice>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="GerarNfseEnvio">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="Rps"
type="tcDeclaracaoPrestacaoServico"/>
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="GerarNfseResposta">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:choice>
                <xsd:element name="ListaNfse"
minOccurs="1" maxOccurs="1">
                    <xsd:complexType>
                        <xsd:sequence>
                            <xsd:element
ref="CompNfse"
                                minOccurs="1"
                            />
                        <xsd:element
ref="ListaMensagemAlertaRetorno" minOccurs="0" maxOccurs="1"
                            />
                    </xsd:sequence>
                </xsd:complexType>
            </xsd:element>
            <xsd:element
ref="ListaMensagemRetorno" minOccurs="1"
                maxOccurs="1" />
        </xsd:choice>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="CancelarNfseEnvio">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="Pedido"
type="tcPedidoCancelamento" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

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        </xsd:complexType>
    </xsd:element>

    <xsd:element name="CancelarNfseResposta">
        <xsd:complexType>
            <xsd:choice>
                <xsd:element name="RetCancelamento"
type="tcRetCancelamento" minOccurs="1" maxOccurs="1" />
                <xsd:element ref="ListaMensagemRetorno"
minOccurs="1" maxOccurs="1" />
            </xsd:choice>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="SubstituirNfseEnvio">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="SubstituicaoNfse"
minOccurs="1"
                    maxOccurs="1">
                        <xsd:complexType>
                            <xsd:sequence>
                                <xsd:element
name="Pedido" type="tcPedidoCancelamento" />
                                <xsd:element name="Rps"
type="tcDeclaracaoPrestacaoServico" />
                            </xsd:sequence>
                            <xsd:attribute name="Id"
type="tsIdTag" />
                        </xsd:complexType>
                    </xsd:element>
                    <xsd:element ref="dsig:Signature"
minOccurs="0"
                        maxOccurs="1" />
                </xsd:sequence>
            </xsd:complexType>
        </xsd:element>

    <xsd:element name="SubstituirNfseResposta">
        <xsd:complexType>
            <xsd:choice>
                <xsd:element
name="RetSubstituicao">
                    <xsd:complexType>
                        <xsd:sequence>
                            <xsd:element
name="NfseSubstituida">
                                <xsd:complexType>
                                    <xsd:sequence>
                                        <xsd:element ref="CompNfse" maxOccurs="1"
minOccurs="1" />
                                        <xsd:element ref="ListaMensagemAlertaRetorno"

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minOccurs="0" maxOccurs="1" />
    </xsd:sequence>
    </xsd:complexType>
    </xsd:element>
    <xsd:element
name="NfseSubstituidora">
    <xsd:complexType>
    <xsd:sequence>
    <xsd:element ref="CompNfse" maxOccurs="1"
minOccurs="1" />
    </xsd:sequence>
    </xsd:complexType>
    </xsd:element>
    </xsd:sequence>
    </xsd:complexType>
    </xsd:element>
    <xsd:element
ref="ListaMensagemRetorno" minOccurs="1" maxOccurs="1" />
    </xsd:choice>
    </xsd:complexType>
    </xsd:element>
    <xsd:element name="ConsultarLoteRpsEnvio">
    <xsd:complexType>
    <xsd:sequence>
    <xsd:element name="Prestador"
type="tcIdentificacaoPrestador"
minOccurs="1" maxOccurs="1" />
    <xsd:element name="Protocolo"
type="tsNumeroProtocolo"
minOccurs="1" maxOccurs="1" />
    </xsd:sequence>
    </xsd:complexType>
    </xsd:element>
    <xsd:element name="ConsultarLoteRpsResposta">
    <xsd:complexType>
    <xsd:sequence>
    <xsd:element name="Situacao"
type="tsSituacaoLoteRps" minOccurs="1" maxOccurs="1" />
    <xsd:choice>
    <xsd:element name="ListaNfse"
minOccurs="1" maxOccurs="1">
    <xsd:complexType>
    <xsd:sequence>
    <xsd:element
ref="CompNfse" maxOccurs="50"
minOccurs="1" />
    </xsd:sequence>
    </xsd:complexType>
    </xsd:element>

```

```

ref="ListaMensagemAlertaRetorno" minOccurs="0" maxOccurs="1"
/>
</xsd:sequence>

</xsd:complexType>
</xsd:element>
<xsd:element ref="ListaMensagemRetorno"
minOccurs="1"
maxOccurs="1" />
<xsd:element
ref="ListaMensagemRetornoLote" minOccurs="1"
maxOccurs="1" />
</xsd:choice>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="ConsultarNfseRpsEnvio">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="IdentificacaoRps"
type="tcIdentificacaoRps"
minOccurs="1" maxOccurs="1" />
<xsd:element name="Prestador"
type="tcIdentificacaoPrestador"
minOccurs="1" maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="ConsultarNfseRpsResposta">
<xsd:complexType>
<xsd:choice>
<xsd:element ref="CompNfse" minOccurs="1"
maxOccurs="1" />
<xsd:element ref="ListaMensagemRetorno"
minOccurs="1"
maxOccurs="1" />
</xsd:choice>
</xsd:complexType>
</xsd:element>

<xsd:element name="ConsultarNfseServicoPrestadoEnvio">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="Prestador"
type="tcIdentificacaoPrestador"
minOccurs="1" maxOccurs="1" />
<xsd:element name="NumeroNfse"
type="tsNumeroNfse"
minOccurs="0" maxOccurs="1" />
<xsd:choice>
<xsd:element name="PeriodoEmissao"
minOccurs="0"
maxOccurs="1">
<xsd:complexType>
<xsd:sequence>

```

```

name="DataInicial" type="xsd:date"
maxOccurs="1" />
name="DataFinal" type="xsd:date"
maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element
name="PeriodoCompetencia" minOccurs="0"
maxOccurs="1">
<xsd:complexType>
<xsd:sequence>
<xsd:element
name="DataInicial" type="xsd:date"
maxOccurs="1" />
name="DataFinal" type="xsd:date"
maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:choice>
<xsd:element name="Tomador"
type="tcIdentificacaoTomador"
minOccurs="0" maxOccurs="1" />
<xsd:element name="Intermediario"
type="tcIdentificacaoIntermediario"
minOccurs="0" maxOccurs="1" />
<xsd:element name="Pagina"
type="tsPagina" minOccurs="1" maxOccurs="1"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="ConsultarNfseServicoPrestadoResposta">
<xsd:complexType>
<xsd:choice>
<xsd:element name="ListaNfse"
minOccurs="1" maxOccurs="1">
<xsd:complexType>
<xsd:sequence>
<xsd:element
ref="CompNfse" minOccurs="1" maxOccurs="50"/>
<xsd:element
name="ProximaPagina" type="tsPagina" minOccurs="0"
maxOccurs="1" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element ref="ListaMensagemRetorno"
minOccurs="1"

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maxOccurs="1" />
</xsd:choice>
</xsd:complexType>
</xsd:element>

<xsd:element name="ConsultarNfseServicoTomadoEnvio">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="Consulente"
type="tcIdentificacaoConsulente"
        minOccurs="1" maxOccurs="1" />
      <xsd:element name="NumeroNfse"
type="tsNumeroNfse"
        minOccurs="0" maxOccurs="1" />
      <xsd:choice>
        <xsd:element name="PeriodoEmissao"
minOccurs="0"
          maxOccurs="1">
            <xsd:complexType>
              <xsd:sequence>
                <xsd:element
name="DataInicial" type="xsd:date"
                  minOccurs="1"
maxOccurs="1" />
                <xsd:element
name="DataFinal" type="xsd:date"
                  minOccurs="1"
maxOccurs="1" />
              </xsd:sequence>
            </xsd:complexType>
          </xsd:element>
        <xsd:element
name="PeriodoCompetencia" minOccurs="0"
          maxOccurs="1">
            <xsd:complexType>
              <xsd:sequence>
                <xsd:element
name="DataInicial" type="xsd:date"
                  minOccurs="1"
maxOccurs="1" />
                <xsd:element
name="DataFinal" type="xsd:date"
                  minOccurs="1"
maxOccurs="1" />
              </xsd:sequence>
            </xsd:complexType>
          </xsd:element>
      </xsd:choice>
      <xsd:element name="Prestador"
type="tcIdentificacaoPrestador"
        minOccurs="0" maxOccurs="1" />
      <xsd:element name="Tomador"
type="tcIdentificacaoTomador"
        minOccurs="0" maxOccurs="1" />
      <xsd:element name="Intermediario"
type="tcIdentificacaoIntermediario"
        minOccurs="0" maxOccurs="1" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>

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```

        <xsd:element name="Pagina"
type="tsPagina" minOccurs="1" maxOccurs="1"/>
    </xsd:sequence>
</xsd:complexType>
</xsd:element>

    <xsd:element name="ConsultarNfseServicoTomadoResposta">
        <xsd:complexType>
            <xsd:choice>
                <xsd:element name="ListaNfse"
minOccurs="1" maxOccurs="1">
                    <xsd:complexType>
                        <xsd:sequence>
                            <xsd:element
ref="CompNfse" minOccurs="1" maxOccurs="50"/>
                            <xsd:element
name="ProximaPagina" type="tsPagina" minOccurs="0"
maxOccurs="1" />
                        </xsd:sequence>
                    </xsd:complexType>
                </xsd:element>
                <xsd:element ref="ListaMensagemRetorno"
minOccurs="1"
                    maxOccurs="1" />
            </xsd:choice>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="ConsultarNfseFaixaEnvio">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="Prestador"
type="tcIdentificacaoPrestador"
                    minOccurs="1" maxOccurs="1" />
                <xsd:element name="Faixa" minOccurs="1"
maxOccurs="1">
                    <xsd:complexType>
                        <xsd:sequence>
                            <xsd:element
name="NumeroNfseInicial" type="tsNumeroNfse"
                                minOccurs="1"
maxOccurs="1" />
                            <xsd:element
name="NumeroNfseFinal" type="tsNumeroNfse"
                                minOccurs="0"
maxOccurs="1" />
                        </xsd:sequence>
                    </xsd:complexType>
                </xsd:element>
                <xsd:element name="Pagina"
type="tsPagina" minOccurs="1" maxOccurs="1"/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>

    <xsd:element name="ConsultarNfseFaixaResposta">
        <xsd:complexType>

```



```

        <xsd:choice>
            <xsd:element name="ListaNfse"
minOccurs="1" maxOccurs="1">
                <xsd:complexType>
                    <xsd:sequence>
                        <xsd:element
ref="CompNfse" minOccurs="1" maxOccurs="50"/>
                        <xsd:element
name="ProximaPagina" type="tsPagina" minOccurs="0"
maxOccurs="1" />
                    </xsd:sequence>
                </xsd:complexType>
            </xsd:element>
            <xsd:element ref="ListaMensagemRetorno"
minOccurs="1"
                maxOccurs="1" />
        </xsd:choice>
    </xsd:complexType>
</xsd:element>

</xsd:schema>

```