Comune di Rimini - Via Rosaspina, 7 - 47923 Rimini
www.comune.rimini.it - c.f.-p.iva 00304260409
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SETTORE SPORTELLO UNICO PER L'EDILIZIA RESIDENZIALE E PRODUTTIVA

APPALTO PER IL
SERVIZIO DI DIGITALIZZAZIONE, CUSTODIA E CONSERVAZIONE DEGLI ARCHIVI DELLE PRATICHE EDILIZIE DEL COMUNE DI RIMINI

ALLEGATO B

SPECIFICHE TECNICHE, DESCRIZIONE SINTASSI DATI E STRUTTURE DI MEMORIZZAZIONE

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1. Stringhe univoche identificatrici (UID)

Quando è richiesto di attribuire una stringa di identificazaione univoca si richiede di generare un codice UID come da standard ISO/IEC 9834-8 (UUID version 4).

2. Comunicazioni e-mail tramite PEC

I messaggi di posta elettronica certificata (PEC) inviati dall'Aggiudicatario per comunicare la disponibilità di materiale digitalizzato, pronto per il trasferimento nel sistema di archiviazione comunale, devono avere come allegato il file XML indice riepilogativo del materiale reso disponibile.

Il testo del messaggio è costituito da 5 righe di testo con il seguente contenuto informativo:

1. descrizione della tipologia di contenuto digitale completato;
2. password con cui è stato creato l'archivio compresso, come da art. B.10 punto 5 del Capitolato Speciale d'Appalto – Parte B Tecnica;
3. l'hash SHA-256 del file XML indice riepilogativo allegato alla PEC;
4. l'hash SHA-256 dell'archivio compresso;
5. l'URL da cui è possibile scaricare il file compresso contenente il materiale digitalizzato reso disponibile.

Durante la fase di start-up verrà concordata la nomenclatura specifica dei file XML che saranno allegati per le diverse tipologie di trasferimento.

3. Diagrammi organizzazione file e metadati

Nell'Allegato H sono contenuti i diagrammi della struttura delle directory per l'organizzazione del materiale digitalizzato insieme alla rappresentazione d'insieme dei file relativi ai metadati ed alle loro relazioni.

4. Strutture file XML

Le definizioni degli XML Schema relativi ai file di metadati coinvolti sono riportati nei punti successivi.

5. Definizioni XSD dei documenti XML

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!--
 Definizione XML Schema
 Schemi documenti "Digitalizzazione archivi cartacei SUE"
 v. 2017-03
-->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
 <xs:include schemaLocation="metadati__tipi_elementi_e_attributi__2017-03.xsd"/>
 <!--

  Glossario definizioni "tipi, elementi e attributi"
```

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```
-->
<!--

  Pratica_edilizia

-->
<xs:element name="Pratica_edilizia">
 <xs:complexType>
  <xs:sequence>
   <xs:element ref="Posizionamento"/>
   <xs:element minOccurs="0" ref="Indirizzo_pratica"/>
   <xs:element ref="Elenco_riferimenti_documenti_pratica_edilizia"/>
  </xs:sequence>
  <xs:attributeGroup ref="A_uid_pratica"/>
  <xs:attributeGroup ref="A_tipo_procedimento"/>
  <xs:attributeGroup ref="A_anno_pratica"/>
  <xs:attribute name="id_pratica" use="required" type="xs:string"/>
  <xs:attributeGroup ref="A_uid_faldone"/>
  <xs:attributeGroup ref="A_id_serie"/>
  <xs:attributeGroup ref="A_flag_iper_pratica"/>
  <xs:attributeGroup ref="A_flag_pratica_multifaldone"/>
  <xs:attribute name="nome_directory_pratica_edilizia" use="required" type="xs:string"/>
  <xs:attribute name="nome_file_pdf_cartellina_pratica_edilizia" use="required" type="xs:string"/>
  <xs:attributeGroup ref="A_hash_sha256_file_pdf_cartellina_pratica_edilizia"/>
  <xs:attributeGroup ref="A_num_documenti_pratica_edilizia"/>
 </xs:complexType>
</xs:element>
<!--

  Documento_pratica_edilizia

-->
<xs:element name="Documento_pratica_edilizia">
 <xs:complexType>
  <xs:complexContent>
   <xs:extension base="E_Elenco_file_pdf_documento_scansionato">
    <xs:attributeGroup ref="A_uid_documento"/>
    <xs:attributeGroup ref="A_tipo_documento"/>
    <xs:attributeGroup ref="A_data_scansione"/>
    <xs:attributeGroup ref="A_uid_faldone"/>
    <xs:attributeGroup ref="A_id_serie"/>
    <xs:attributeGroup ref="A_tipo_procedimento"/>
    <xs:attributeGroup ref="A_uid_pratica"/>
    <xs:attribute name="prefisso_nome_file" use="required" type="xs:string"/>
    <xs:attribute name="num_file_pdf_documento_scansionato" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:integer">
       <xs:minInclusive value="1"/>
       <xs:maxInclusive value="999"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
   </xs:extension>
  </xs:complexContent>
 </xs:complexType>
</xs:element>
<!--

  Pratiche_lavorate
```

```
-->
<xs:element name="Pratiche_lavorate">
 <xs:complexType>
  <xs:complexContent>
   <xs:extension base="E_Elenco_riferimenti_pratiche_lavorate">
    <xs:attribute name="progressivo_lavorazione_pratiche" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:minLength value="6"/>
       <xs:maxLength value="6"/>
       <xs:pattern value="[0-9]{6}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="data_disponibilita" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:date">
       <xs:minInclusive value="2018-02-01"/>
       <xs:maxInclusive value="2021-06-30"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="ora_disponibilita" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:time">
       <xs:minInclusive value="00:00:00"/>
       <xs:maxInclusive value="23:59:59"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="responsabile_pubblicazione" use="required" type="xs:string"/>
    <xs:attribute name="num_pratiche_lavorate" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:integer">
       <xs:minInclusive value="1"/>
       <xs:maxInclusive value="9999"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
   </xs:extension>
  </xs:complexContent>
 </xs:complexType>
</xs:element>
<!--

  Faldone

-->
<xs:element name="Faldone">
 <xs:complexType>
  <xs:attributeGroup ref="A_uid_faldone"/>
  <xs:attributeGroup ref="A_id_serie"/>
  <xs:attributeGroup ref="A_tipo_procedimento"/>
  <xs:attribute name="nome_file_pdf_scansione_costa" use="required" type="xs:string"/>
  <xs:attributeGroup ref="A_hash_sha256_file_pdf_scansione_costa"/>
 </xs:complexType>
</xs:element>
<!--
```

```
  Blocco_faldoni

-->
<xs:element name="Blocco_faldoni">
 <xs:complexType>
  <xs:complexContent>
   <xs:extension base="E_Elenco_riferimenti_faldoni_blocco">
    <xs:attribute name="progressivo_blocco_faldoni" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:minLength value="5"/>
       <xs:maxLength value="5"/>
       <xs:pattern value="[0-9]{5}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
    <xs:attributeGroup ref="A_id_serie"/>
    <xs:attributeGroup ref="A_tipo_procedimento"/>
    <xs:attribute name="nome_directory_blocco_faldoni" use="required" type="xs:string"/>
    <xs:attribute name="num_faldoni_blocco" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:integer">
       <xs:minInclusive value="1"/>
       <xs:maxInclusive value="9999"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
   </xs:extension>
  </xs:complexContent>
 </xs:complexType>
</xs:element>
<!--

  Faldoni_ritirati

-->
<xs:element name="Faldoni_ritirati">
 <xs:complexType>
  <xs:complexContent>
   <xs:extension base="E_Riferimento_lotto_faldoni_ritirato">
    <xs:attribute name="progressivo_lotto_faldoni_ritirato" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:minLength value="5"/>
       <xs:maxLength value="5"/>
       <xs:pattern value="[0-9]{5}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="data_ritiro" use="required">
     <xs:simpleType>
      <xs:restriction base="xs:date">
       <xs:minInclusive value="2018-02-01"/>
       <xs:maxInclusive value="2021-06-30"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="ora_ritiro" use="required">
```

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```xml
        <xs:simpleType>
         <xs:restriction base="xs:time">
          <xs:minInclusive value="07:00:00"/>
          <xs:maxInclusive value="19:00:00"/>
         </xs:restriction>
        </xs:simpleType>
       </xs:attribute>
       <xs:attribute name="incaricato_ritiro" use="required" type="xs:string"/>
       <xs:attributeGroup ref="A_id_serie"/>
       <xs:attributeGroup ref="A_tipo_procedimento"/>
       <xs:attribute name="num_faldoni_ritirati" use="required">
        <xs:simpleType>
         <xs:restriction base="xs:integer">
          <xs:minInclusive value="1"/>
          <xs:maxInclusive value="9999"/>
         </xs:restriction>
        </xs:simpleType>
       </xs:attribute>
      </xs:extension>
     </xs:complexContent>
    </xs:complexType>
  </xs:element>
  <!--

    Registro

  -->
  <xs:element name="Registro">
   <xs:complexType>
    <xs:complexContent>
     <xs:extension base="E_Elenco_file_pdf_registro_scansionato">
      <xs:attributeGroup ref="A_uid_registro"/>
      <xs:attributeGroup ref="A_data_scansione"/>
      <xs:attributeGroup ref="A_ordinamento_registro"/>
      <xs:attributeGroup ref="A_id_serie"/>
      <xs:attributeGroup ref="A_tipo_procedimento"/>
      <xs:attribute name="nome_directory_registro" use="required" type="xs:string"/>
      <xs:attribute name="nome_file_pdf_copertina_registro" use="required" type="xs:string"/>
      <xs:attributeGroup ref="A_hash_sha256_file_pdf_copertina_registro"/>
      <xs:attribute name="prefisso_nome_file" use="required" type="xs:string"/>
      <xs:attribute name="num_file_pdf_registro_scansionato" use="required">
       <xs:simpleType>
        <xs:restriction base="xs:integer">
         <xs:minInclusive value="1"/>
         <xs:maxInclusive value="999"/>
        </xs:restriction>
       </xs:simpleType>
      </xs:attribute>
     </xs:extension>
    </xs:complexContent>
   </xs:complexType>
  </xs:element>
  <!--

    Registri_lavorati

  -->
  <xs:element name="Registri_lavorati">
   <xs:complexType>
```

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```xml
      <xs:complexContent>
        <xs:extension base="E_Elenco_riferimenti_registri_lavorati">
          <xs:attribute name="progressivo_lavorazione_registri" use="required">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="3"/>
                <xs:maxLength value="3"/>
                <xs:pattern value="[0-9]{3}"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="data_disponibilita" use="required">
            <xs:simpleType>
              <xs:restriction base="xs:date">
                <xs:minInclusive value="2018-02-01"/>
                <xs:maxInclusive value="2021-06-30"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="ora_disponibilita" use="required">
            <xs:simpleType>
              <xs:restriction base="xs:time">
                <xs:minInclusive value="00:00:00"/>
                <xs:maxInclusive value="23:59:59"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
          <xs:attribute name="responsabile_pubblicazione" use="required" type="xs:string"/>
          <xs:attribute name="num_registri_lavorati" use="required">
            <xs:simpleType>
              <xs:restriction base="xs:integer">
                <xs:minInclusive value="1"/>
                <xs:maxInclusive value="999"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

6. Definizioni XSD elementi di base

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!--
  Definizione XML Schema
  Tipi, elementi e attributi
  v. 2017-03
-->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="Posizionamento">
    <xs:complexType>
      <xs:attribute name="fondo" use="required" type="xs:string"/>
      <xs:attribute name="subfondo" use="required" type="xs:string"/>
      <xs:attribute name="serie" use="required" type="xs:string"/>
      <xs:attribute name="sottoserie" type="xs:string"/>
      <xs:attribute name="unita_di_conservazione" use="required" type="xs:string"/>
```

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```xml
  <xs:attributeGroup ref="A_tipo_pratica"/>
 </xs:complexType>
</xs:element>
<xs:attributeGroup name="A_tipo_pratica">
 <xs:attribute name="tipo_pratica" use="required">
  <xs:simpleType>
   <xs:restriction base="xs:token">
    <xs:enumeration value="SEQUENZE"/>
    <xs:enumeration value="UNICHE"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:attribute>
</xs:attributeGroup>
<xs:attributeGroup name="A_uid_pratica">
 <xs:attribute name="uid_pratica" use="required" type="T_UUIDv4"/>
</xs:attributeGroup>
<xs:simpleType name="T_UUIDv4">
 <xs:restriction base="xs:string">
  <xs:minLength value="36"/>
  <xs:maxLength value="36"/>
  <xs:pattern value="[0-9a-f]{8}-[0-9a-f]{4}-4[0-9a-f]{3}-[89ab][0-9a-f]{3}-[0-9a-f]{12}"/>
 </xs:restriction>
</xs:simpleType>
<xs:attributeGroup name="A_tipo_procedimento">
 <xs:attribute name="tipo_procedimento" use="required">
  <xs:simpleType>
   <xs:restriction base="xs:token">
    <xs:enumeration value="PE"/>
    <xs:enumeration value="CIL"/>
    <xs:enumeration value="A26"/>
    <xs:enumeration value="SAN"/>
    <xs:enumeration value="SCIA"/>
    <xs:enumeration value="SISMIC"/>
    <xs:enumeration value="CS"/>
    <xs:enumeration value="PROREP"/>
    <xs:enumeration value="ARF"/>
    <xs:enumeration value="TEL"/>
    <xs:enumeration value="AP"/>
    <xs:enumeration value="ACP"/>
    <xs:enumeration value="CP"/>
    <xs:enumeration value="CCEA"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:attribute>
</xs:attributeGroup>
<xs:attributeGroup name="A_anno_pratica">
 <xs:attribute name="anno_pratica" use="required" type="T_ANNO"/>
</xs:attributeGroup>
<xs:simpleType name="T_ANNO">
 <xs:restriction base="xs:string">
  <xs:minLength value="4"/>
  <xs:maxLength value="4"/>
  <xs:pattern value="[12][09][0-9]{2}"/>
 </xs:restriction>
</xs:simpleType>
<xs:attributeGroup name="A_uid_faldone">
 <xs:attribute name="uid_faldone" use="required" type="T_UUIDv4"/>
</xs:attributeGroup>
<xs:attributeGroup name="A_id_serie">
```

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```xml
<xs:attribute name="id_serie" use="required">
 <xs:simpleType>
  <xs:restriction base="xs:token">
   <xs:enumeration value="PE1_STORICO"/>
   <xs:enumeration value="PE2_CONDONI"/>
   <xs:enumeration value="PE3_DIA_SCIA"/>
   <xs:enumeration value="PE4_SISMICA"/>
   <xs:enumeration value="PE5_CONTROLLI"/>
   <xs:enumeration value="PE6_SUAP"/>
   <xs:enumeration value="PE7_PAESAGGISTICA"/>
   <xs:enumeration value="PE8_CORRENTE"/>
  </xs:restriction>
 </xs:simpleType>
</xs:attribute>
</xs:attributeGroup>
<xs:attributeGroup name="A_flag_iper_pratica">
 <xs:attribute name="flag_iper_pratica" use="required" type="T_FLAG_SI_NO"/>
</xs:attributeGroup>
<xs:simpleType name="T_FLAG_SI_NO">
 <xs:restriction base="xs:token">
  <xs:enumeration value="SI"/>
  <xs:enumeration value="NO"/>
 </xs:restriction>
</xs:simpleType>
<xs:element name="Indirizzo_pratica">
 <xs:complexType>
  <xs:sequence>
   <xs:element ref="toponomastica"/>
  </xs:sequence>
  <xs:attribute name="civico" use="required">
   <xs:simpleType>
    <xs:restriction base="xs:integer">
     <xs:minInclusive value="1"/>
     <xs:maxInclusive value="9999"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:attribute>
  <xs:attribute name="esponente" use="required">
   <xs:simpleType>
    <xs:union>
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:minLength value="1"/>
       <xs:maxLength value="3"/>
      </xs:restriction>
     </xs:simpleType>
     <xs:simpleType>
      <xs:restriction base="xs:token">
       <xs:length value="0"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:union>
   </xs:simpleType>
  </xs:attribute>
 </xs:complexType>
</xs:element>
<xs:element name="toponomastica">
 <xs:complexType>
  <xs:choice>
```

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```xml
    <xs:element ref="id_toponomastica"/>
    <xs:sequence>
     <xs:element ref="toponimo"/>
     <xs:element ref="denominazione"/>
    </xs:sequence>
   </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="id_toponomastica">
 <xs:simpleType>
  <xs:restriction base="xs:integer">
   <xs:minInclusive value="1"/>
   <xs:maxInclusive value="99999"/>
  </xs:restriction>
 </xs:simpleType>
</xs:element>
<xs:element name="toponimo" type="xs:string"/>
<xs:element name="denominazione" type="xs:string"/>
<xs:attributeGroup name="A_flag_pratica_multifaldone">
 <xs:attribute name="flag_pratica_multifaldone" use="required" type="T_FLAG_SI_NO"/>
</xs:attributeGroup>
<xs:attributeGroup name="A_hash_sha256_file_pdf_cartellina_pratica_edilizia">
 <xs:attribute name="hash_sha256_file_pdf_cartellina_pratica_edilizia" use="required" type="T_HASH_SHA256"/>
</xs:attributeGroup>
<xs:simpleType name="T_HASH_SHA256">
 <xs:restriction base="xs:string">
  <xs:minLength value="64"/>
  <xs:maxLength value="64"/>
  <xs:pattern value="[0-9a-f]{64}"/>
 </xs:restriction>
</xs:simpleType>
<xs:attributeGroup name="A_num_documenti_pratica_edilizia">
 <xs:attribute name="num_documenti_pratica_edilizia" use="required">
  <xs:simpleType>
   <xs:restriction base="xs:integer">
    <xs:minInclusive value="1"/>
    <xs:maxInclusive value="9999"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:attribute>
</xs:attributeGroup>
<xs:element name="Elenco_riferimenti_documenti_pratica_edilizia">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="unbounded" ref="Riferimento_documento_pratica_edilizia"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="Riferimento_documento_pratica_edilizia">
 <xs:complexType>
  <xs:attributeGroup ref="A_uid_documento_pratica_edilizia"/>
  <xs:attribute name="nome_file_xml_pratica_edilizia" use="required" type="xs:string"/>
  <xs:attributeGroup ref="A_hash_sha256_file_xml_pratica_edilizia"/>
 </xs:complexType>
</xs:element>
<xs:attributeGroup name="A_uid_documento_pratica_edilizia">
 <xs:attribute name="uid_documento_pratica_edilizia" use="required" type="T_UUIDv4"/>
</xs:attributeGroup>
<xs:attributeGroup name="A_hash_sha256_file_xml_pratica_edilizia">
```

```
  <xs:attribute name="hash_sha256_file_xml_pratica_edilizia" use="required" type="T_HASH_SHA256"/>
</xs:attributeGroup>
<xs:attributeGroup name="A_uid_documento">
 <xs:attribute name="uid_documento" use="required" type="T_UUIDv4"/>
</xs:attributeGroup>
<xs:attributeGroup name="A_tipo_documento">
 <xs:attribute name="tipo_documento" use="required">
  <xs:simpleType>
   <xs:restriction base="xs:token">
    <xs:enumeration value="ISTANZA"/>
    <xs:enumeration value="ATTO_DI_RILASCIO"/>
    <xs:enumeration value="ATTO_DI_DINIEGO"/>
    <xs:enumeration value="VERBALE"/>
    <xs:enumeration value="ESPOSTO"/>
    <xs:enumeration value="SEGNALAZIONE_DI_REATO"/>
    <xs:enumeration value="ISTRUTTORIA_TECNICA_DELLA_PRATICA"/>
    <xs:enumeration value="RELAZIONE_TECNICA"/>
    <xs:enumeration value="DOCUMENTO_DI_IDENTITA"/>
    <xs:enumeration value="DOCUMENTO_CON_DATI_SANITARI"/>
    <xs:enumeration value="ELABORATO_GRAFICO"/>
    <xs:enumeration value="DOCUMENTAZIONE_GENERICA"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:attribute>
</xs:attributeGroup>
<xs:attributeGroup name="A_data_scansione">
 <xs:attribute name="data_scansione" use="required">
  <xs:simpleType>
   <xs:restriction base="xs:date">
    <xs:minInclusive value="2018-02-01"/>
    <xs:maxInclusive value="2021-06-30"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:attribute>
</xs:attributeGroup>
<xs:complexType name="E_Elenco_file_pdf_documento_scansionato">
 <xs:sequence>
  <xs:element ref="Elenco_file_pdf_documento_scansionato"/>
 </xs:sequence>
</xs:complexType>
<xs:element name="Elenco_file_pdf_documento_scansionato">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="unbounded" ref="File_pdf_documento_scansionato"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="File_pdf_documento_scansionato">
 <xs:complexType>
  <xs:attribute name="nome_file_pdf" use="required" type="xs:string"/>
  <xs:attribute name="hash_sha256_file_pdf" use="required" type="T_HASH_SHA256"/>
  <xs:attribute name="prima_pagina" use="required">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:minLength value="5"/>
     <xs:maxLength value="5"/>
     <xs:pattern value="[0-9]{5}"/>
    </xs:restriction>
   </xs:simpleType>
```

```xml
        </xs:attribute>
        <xs:attribute name="ultima_pagina" use="required">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="5"/>
              <xs:maxLength value="5"/>
              <xs:pattern value="[0-9]{5}"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:complexType>
    </xs:element>
    <xs:complexType name="E_Elenco_riferimenti_pratiche_lavorate">
      <xs:sequence>
        <xs:element ref="Elenco_riferimenti_pratiche_lavorate"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="Elenco_riferimenti_pratiche_lavorate">
      <xs:complexType>
        <xs:sequence>
          <xs:element maxOccurs="unbounded" ref="Riferimento_pratica_lavorata"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="Riferimento_pratica_lavorata">
      <xs:complexType>
        <xs:attribute name="uid_pratica_lavorata" use="required" type="T_UUIDv4"/>
        <xs:attribute name="nome_directory_pratica_lavorata" use="required" type="xs:string"/>
        <xs:attribute name="nome_file_xml_pratica_lavorata" use="required" type="xs:string"/>
        <xs:attribute name="hash_sha256_file_xml_pratica_lavorata" use="required" type="T_HASH_SHA256"/>
      </xs:complexType>
    </xs:element>
    <xs:attributeGroup name="A_hash_sha256_file_pdf_scansione_costa">
      <xs:attribute name="hash_sha256_file_pdf_scansione_costa" use="required" type="T_HASH_SHA256"/>
    </xs:attributeGroup>
    <xs:complexType name="E_Elenco_riferimenti_faldoni_blocco">
      <xs:sequence>
        <xs:element ref="Elenco_riferimenti_faldoni_blocco"/>
      </xs:sequence>
    </xs:complexType>
    <xs:element name="Elenco_riferimenti_faldoni_blocco">
      <xs:complexType>
        <xs:sequence>
          <xs:element maxOccurs="unbounded" ref="Riferimento_faldone_blocco"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="Riferimento_faldone_blocco">
      <xs:complexType>
        <xs:attribute name="uid_faldone_blocco" use="required" type="T_UUIDv4"/>
        <xs:attribute name="nome_file_xml_faldone_blocco" use="required" type="xs:string"/>
        <xs:attribute name="hash_sha256_file_xml_faldone_blocco" use="required" type="T_HASH_SHA256"/>
      </xs:complexType>
    </xs:element>
    <xs:complexType name="E_Riferimento_lotto_faldoni_ritirato">
      <xs:sequence>
        <xs:element ref="Riferimento_lotto_faldoni_ritirato"/>
      </xs:sequence>
    </xs:complexType>
```

```xml
<xs:element name="Riferimento_lotto_faldoni_ritirato">
 <xs:complexType>
  <xs:attribute name="nome_directory_lotto_faldoni_ritirato" use="required" type="xs:string"/>
  <xs:attribute name="nome_file_xml_lotto_faldoni_ritirato" use="required" type="xs:string"/>
  <xs:attribute name="hash_sha256_file_xml_lotto_faldoni_ritirato" use="required" type="T_HASH_SHA256"/>
 </xs:complexType>
</xs:element>
<xs:attributeGroup name="A_uid_registro">
 <xs:attribute name="uid_registro" use="required" type="T_UUIDv4"/>
</xs:attributeGroup>
<xs:attributeGroup name="A_ordinamento_registro">
 <xs:attribute name="ordinamento_registro" use="required">
  <xs:simpleType>
   <xs:restriction base="xs:token">
    <xs:enumeration value="NOMINATIVO"/>
    <xs:enumeration value="TOPONOMASTICO"/>
   </xs:restriction>
  </xs:simpleType>
 </xs:attribute>
</xs:attributeGroup>
<xs:attributeGroup name="A_hash_sha256_file_pdf_copertina_registro">
 <xs:attribute name="hash_sha256_file_pdf_copertina_registro" use="required" type="T_HASH_SHA256"/>
</xs:attributeGroup>
<xs:complexType name="E_Elenco_file_pdf_registro_scansionato">
 <xs:sequence>
  <xs:element ref="Elenco_file_pdf_registro_scansionato"/>
 </xs:sequence>
</xs:complexType>
<xs:element name="Elenco_file_pdf_registro_scansionato">
 <xs:complexType>
  <xs:sequence>
   <xs:element maxOccurs="unbounded" ref="File_pdf_registro_scansionato"/>
  </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="File_pdf_registro_scansionato">
 <xs:complexType>
  <xs:attribute name="nome_file_pdf" use="required"/>
  <xs:attribute name="hash_sha256_file_pdf" use="required" type="T_HASH_SHA256"/>
  <xs:attribute name="prima_pagina" use="required">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:minLength value="4"/>
     <xs:maxLength value="4"/>
     <xs:pattern value="[0-9]{4}"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:attribute>
  <xs:attribute name="ultima_pagina" use="required">
   <xs:simpleType>
    <xs:restriction base="xs:string">
     <xs:minLength value="4"/>
     <xs:maxLength value="4"/>
     <xs:pattern value="[0-9]{4}"/>
    </xs:restriction>
   </xs:simpleType>
  </xs:attribute>
 </xs:complexType>
</xs:element>
```

```
<xs:complexType name="E_Elenco_riferimenti_registri_lavorati">
 <xs:sequence>
   <xs:element ref="Elenco_riferimenti_registri_lavorati"/>
 </xs:sequence>
</xs:complexType>
<xs:element name="Elenco_riferimenti_registri_lavorati">
 <xs:complexType>
   <xs:sequence>
    <xs:element maxOccurs="unbounded" ref="Riferimento_registro_lavorato"/>
   </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element name="Riferimento_registro_lavorato">
 <xs:complexType>
   <xs:attribute name="uid_registro_lavorato" use="required" type="T_UUIDv4"/>
   <xs:attribute name="nome_directory_registro_lavorato" use="required" type="xs:string"/>
   <xs:attribute name="nome_file_xml_registro_lavorato" use="required" type="xs:string"/>
   <xs:attribute name="hash_sha256_file_xml_registro_lavorato" use="required" type="T_HASH_SHA256"/>
 </xs:complexType>
</xs:element>
</xs:schema>
```