

MERCATO ENERGIA A TERMINE

APPLICAZIONE MTE

Implementation Guide (ESEMPI)

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1 **TRANSAZIONI XML MESSE A DISPOSIZIONE DEGLI OPERATORI**

1.1 **Functional Acknowledgement Positivo**

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
MessageCode="51d7f19bf58246a182ad22b274046d007" MessageDate="2008-09-27"
MessageTime="19:03:48.9668476+02:00"
ResponseReferenceMessageCode="96e4fa410d964c399590a6c2e404ef70"
ResponseMessageStatus="Accepted" xmlns="urn:XML-PCE">
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>OEXXXXX</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="72b7d6b581ef431e8faa903c294704bf">
    <CeFA>
      <FunctionalAcknowledgement TransactionType="TransactionMTESystem"
CodGMEMTE="012345678980925112425BLD080927" IdOfferta="123" IdSessione="17"
Status="Accepted" OriginalReferenceNumber="daa59f489be74beeacf4f832a988afce" />
    </CeFA>
  </Transaction>
</Message>
```

1.2 Functional Acknowledgement Negativo

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
MessageCode="3d33e52702b9434aace307cd9c383fe8" MessageDate="2008-09-29"
MessageTime="16:26:44.7031250+02:00"
ResponseReferenceMessageCode="190dadde36e4426f87f5ee47145cdd93"
ResponseMessageStatus="Rejected" xmlns="urn:XML-PCE">
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>IDAU</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="6320802722ee48b3ae2490b77c449496">
    <CeFA>
      <FunctionalAcknowledgement TransactionType="TransactionMTESystem"
CodGMEMTE="012345678980929162645PLM0810" IdOfferta="1238" IdSessione="27" Status="Rejected"
OriginalReferenceNumber="270bc32742914356b734d4d917836e1d">
        <RejectInformation>
          <Reason>MTE_ERR203</Reason>
          <ReasonText>Price is out of bound.</ReasonText>
        </RejectInformation>
      </FunctionalAcknowledgement>
    </CeFA>
  </Transaction>
</Message>
```

1.3 Notifica abbinamento

1.3.1 Notifica abbinamento offerta

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
MessageTime="11:31:12.3439472+02:00" xmlns="urn:XML-PCE">
  <Version>2.x.x.x</Version>
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>OEXXXXXX</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="fe7ca1afcdf54abcb5a7558afd1f1d8">
    <MTENotificaTC>
      <TRNotifica>
        <MTENotifica CodiceOperatore="OEXXXXXX" SessioneMercato="17" IdAbbinamento="123"
NomeProdotto="PL-W-2008-41">
          <NotificheItems IdOfferta="1023" Prezzo="100" QtyIniziale="10" QtyAbbinata="10"
CodiceMnemonico="012345678980929113112PLW0841"
OriginalReferenceNumber="91c4cb68059f419ca88de89f8168c3c8" TSCreazione="2008-09-29">
            </NotificheItems>
          </MTENotifica>
        </TRNotifica>
      </MTENotificaTC>
    </Transaction>
  </Message>
```

MessageDate="2008-09-29"



1.3.2 Notifica abbinamento offerta OTC

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
MessageTime="11:26:16.3850791+02:00" xmlns="urn:XML-PCE">
  <Version>2.x.x.x</Version>
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode> OEXXXXXX </OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="fc8ec364a5b441188f79ff935d9440f6">
    <MTENotificaTC>
      <TRNotifica>
        <MTENotifica CodiceOperatore=" OEXXXXXX" SessioneMercato="17" IdAbbinamento="123"
NomeProdotto="BL-W-2008-41">
          <NotificheItems IdOfferta="112" Prezzo="100" QtyIniziale="8" QtyAbbinata="8"
CodiceMnemonic="000000000080929112616BLW0841"
OriginalReferenceNumber="1c3a1161febd4c84801efe6d8978bd00" TSCreazione="2008-09-29"
OTC="vendo #1" CodiceOperatoreOTC="OETISWG">
            </NotificheItems>
          </MTENotifica>
        </TRNotifica>
      </MTENotificaTC>
    </Transaction>
  </Message>
```

1.4 Notifica sessione

1.4.1 Predisposizione sessione

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageDate="2009-09-18"
MessageTime="09:09:12.5781250+02:00" xmlns="urn:XML-PCE">
  <Version>2.x.x.x</Version>
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>*</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="61ceed6b21984965971798e7b67eedc2">
    <MTESessionePred>
      <TRSessionPred>
        <MTEReportPredisposizioneBook IdSessioneMercato="6" DataSessione="2009-09-18"
OraApertura="2009-09-18T08:00:00" OraChiusura="2009-09-18T23:00:00">
          <BookItems NomeProdotto="BL-M-2009-11" DataInizioTrading="2009-06-
29T00:00:00" DataFineTrading="2009-09-28T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-M-2009-10" DataInizioTrading="2009-06-
29T00:00:00" DataFineTrading="2009-09-28T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-M-2009-12" DataInizioTrading="2009-09-
01T00:00:00" DataFineTrading="2009-11-26T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-Q-2009-04" DataInizioTrading="2008-09-
28T00:00:00" DataFineTrading="2009-12-26T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-Q-2010-01" DataInizioTrading="2008-12-
29T00:00:00" DataFineTrading="2010-03-27T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-Q-2010-02" DataInizioTrading="2009-03-
29T00:00:00" DataFineTrading="2010-06-26T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-Q-2010-03" DataInizioTrading="2009-06-
28T00:00:00" DataFineTrading="2010-09-25T00:00:00" PercClosePrice="25"
ControlPrice="50" />
          <BookItems NomeProdotto="BL-Y-2010" DataInizioTrading="2008-12-29T00:00:00"
DataFineTrading="2009-12-25T00:00:00" PercClosePrice="25" ControlPrice="50" />
          <BookItems NomeProdotto="PL-M-2009-10" DataInizioTrading="2009-06-
29T00:00:00" DataFineTrading="2009-09-28T00:00:00" PercClosePrice="25"
ControlPrice="50" />
        </MTEReportPredisposizioneBook>
      </TRSessionPred>
    </MTESessionePred>
  </Transaction>
</Message>
```

```
<BookItems NomeProdotto="PL-M-2009-11" DataInizioTrading="2009-07-30T00:00:00" DataFineTrading="2009-10-28T00:00:00" PercClosePrice="25" ControlPrice="50" />
  <BookItems NomeProdotto="PL-M-2009-12" DataInizioTrading="2009-09-01T00:00:00" DataFineTrading="2009-11-26T00:00:00" PercClosePrice="25" ControlPrice="50" />
    <BookItems NomeProdotto="PL-Q-2009-04" DataInizioTrading="2008-09-28T00:00:00" DataFineTrading="2009-12-26T00:00:00" PercClosePrice="25" ControlPrice="50" />
      <BookItems NomeProdotto="PL-Q-2010-01" DataInizioTrading="2008-12-29T00:00:00" DataFineTrading="2010-03-27T00:00:00" PercClosePrice="25" ControlPrice="50" />
        <BookItems NomeProdotto="PL-Q-2010-02" DataInizioTrading="2009-03-29T00:00:00" DataFineTrading="2010-06-26T00:00:00" PercClosePrice="25" ControlPrice="50" />
          <BookItems NomeProdotto="PL-Q-2010-03" DataInizioTrading="2009-06-28T00:00:00" DataFineTrading="2010-09-25T00:00:00" PercClosePrice="25" ControlPrice="50" />
            <BookItems NomeProdotto="PL-Y-2010" DataInizioTrading="2008-12-29T00:00:00" DataFineTrading="2009-12-25T00:00:00" PercClosePrice="25" ControlPrice="50" />
          </MTEReportPredisposizioneBook>
        </TRSessionPred>
      </MTESessionePred>
    </Transaction>
  </Message>
```

1.4.2 Chiusura Book e Book OTC

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageDate="2009-09-18"
MessageTime="09:08:27.0312500+02:00" xmlns="urn:XML-PCE">
  <Version>2.x.x.x</Version>
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>*</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="96b86e9fd0de4748b3d6d6c8c3d182e4">
    <MTEReport>
      <TRReportBook>
        <MTEReportChiusuraBook IdSessioneMercato="4" DataSessione="2009-09-17" OraApertura="2009-09-17T10:27:55.03" OraChiusura="2009-09-17T23:00:02.297">
          <ReportsItems Prodotto="BL-M-2009-11" Ore="745" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="BL-M-2009-10" Ore="745" LPrice="55" LQTY="5" PMin="55" PMax="55" Vol="15" RifPrice="55" CPrice="55" ControlPrice="50" />
          <ReportsItems Prodotto="BL-M-2009-12" Ore="744" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="BL-Q-2009-04" Ore="2209" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="BL-Q-2010-01" Ore="2159" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="BL-Q-2010-02" Ore="2184" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="BL-Q-2010-03" Ore="2208" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="BL-Y-2010" Ore="8760" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-M-2009-10" Ore="264" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-M-2009-11" Ore="252" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-M-2009-12" Ore="276" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-Q-2009-04" Ore="792" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-Q-2010-01" Ore="768" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-Q-2010-02" Ore="780" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-Q-2010-03" Ore="792" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
          <ReportsItems Prodotto="PL-Y-2010" Ore="3132" LPrice="0" LQTY="0" PMin="0" PMax="0" Vol="0" ControlPrice="50" />
        </MTEReportChiusuraBook>
      </TRReportBook>
    </MTEReport>
  </Transaction>
</Message>
```

```
</MTEReportChiusuraBook>
</TRReportBook>
</MTEReport>
</Transaction>
<Transaction TransactionCode="051abcdfe6214c3da10263d406282b58">
  <MTEReportOTC>
    <TRReportBookOTC>
      <MTEReportChiusuraBookOTC      IdSessioneMercato="4"      DataSessione="2009-09-17"
OraApertura="2009-09-17T10:27:55.03" OraChiusura="2009-09-17T23:00:02.297">
      <ReportsItemsOTC Prodotto="BL-M-2009-11" Ore="745" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-M-2009-10" Ore="745" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="15" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-M-2009-12" Ore="744" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-Q-2009-04" Ore="2209" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-Q-2010-01" Ore="2159" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-Q-2010-02" Ore="2184" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-Q-2010-03" Ore="2208" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="BL-Y-2010" Ore="8760" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-M-2009-10" Ore="264" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-M-2009-11" Ore="252" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-M-2009-12" Ore="276" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-Q-2009-04" Ore="792" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-Q-2010-01" Ore="768" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-Q-2010-02" Ore="780" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-Q-2010-03" Ore="792" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
      <ReportsItemsOTC Prodotto="PL-Y-2010" Ore="3132" LPrice="0" LQTY="0" PMin="0" PMax="0"
Vol="0" ControlPrice="50" />
    </MTEReportChiusuraBookOTC>
  </TRReportBookOTC>
</MTEReportOTC>
</Transaction>
</Message>
```

2 NOTIFICA DI SOSPENSIONE OPERATORE

<?xml version="1.0"?>

<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageDate="2009-09-23"
MessageTime="12:22:00.6717500+02:00" xmlns="urn:XML-PCE">

<Version>2.0.0.1</Version>

<Header>

<Sender>

<OperatorMsgCode>IDGMEMTE</OperatorMsgCode>

</Sender>

<Receiver>

<OperatorMsgCode>XXXX</OperatorMsgCode>

</Receiver>

</Header>

<Transaction TransactionCode="7ff5985b86de4d798527c6e9c8ff1a65">

<MTENotificaUserChangeStatus>

<NotificaUserChangeStatus>

<MTENotificaUserStatus CodiceOperatore="XXXX" SessioneMercato="14" Motivazione=" "
NuovoStato="Sospeso" Action="Notifica" />

</NotificaUserChangeStatus>

</MTENotificaUserChangeStatus>

</Transaction>

</Message>

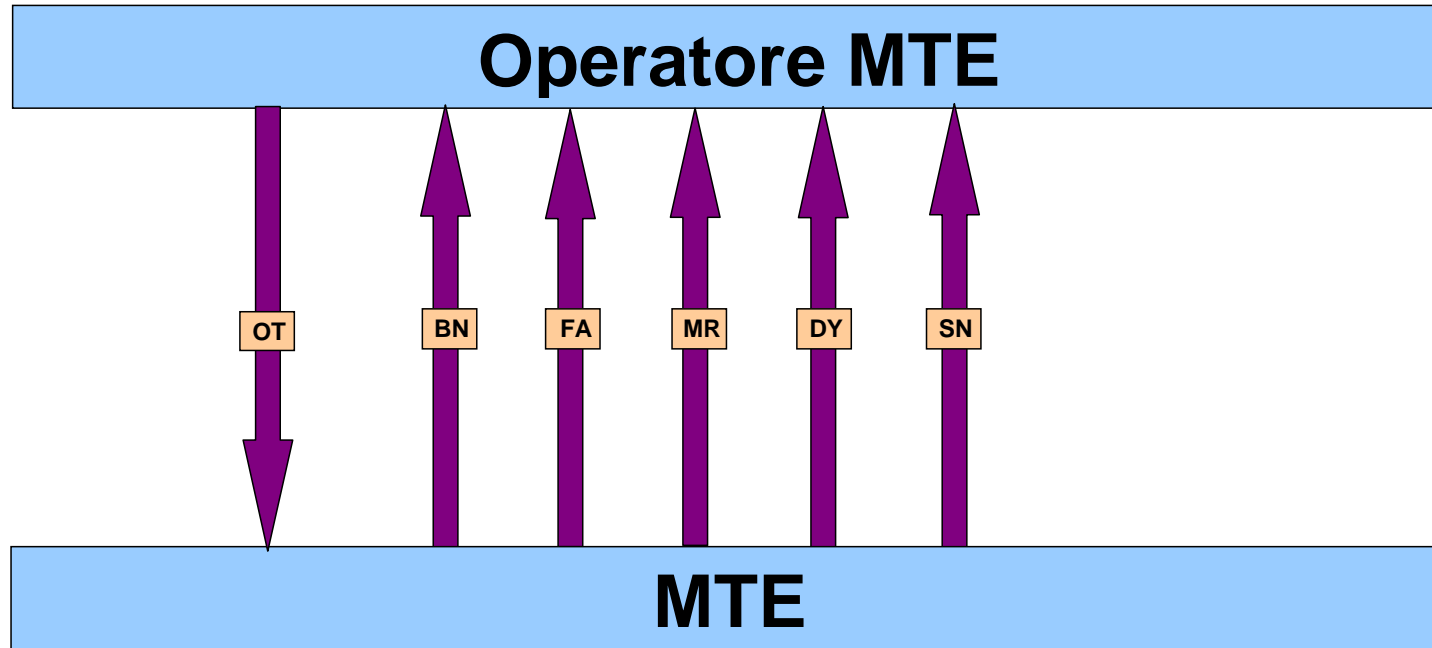
3 DELIVERY A PCE

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" MessageDate="2009-09-23"
MessageTime="14:56:22.4531250+02:00" xmlns="urn:XML-PCE">
  <Version>2.0.0.1</Version>
  <Header>
    <Sender>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>XXXXX</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="df802388f73f471aa49831c627fb0e49">
    <MTEDeliveryPCE>
      <TRDeliveryPCE>
        <DeliveryPCE Periodo="2009-10" Stato="Consegnato">
          <Consegna Data="2009-10-01">
            <Quantita Ora="8" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="9" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="10" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="11" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="12" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="13" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="14" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="15" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="16" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="17" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="18" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="19" DaConsegnare="-1">-1</Quantita>
          </Consegna>
          <Consegna Data="2009-10-02">
            <Quantita Ora="8" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="9" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="10" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="11" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="12" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="13" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="14" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="15" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="16" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="17" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="18" DaConsegnare="-1">-1</Quantita>
            <Quantita Ora="19" DaConsegnare="-1">-1</Quantita>
          </Consegna>
          <Consegna Data="2009-10-05">
```

```
<Quantita Ora="12" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="13" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="14" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="15" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="16" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="17" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="18" DaConsegnare="-1">-1</Quantita>
<Quantita Ora="19" DaConsegnare="-1">-1</Quantita>
</Consegna>
</DeliveryPCE>
</TRDeliveryPCE>
</MTEDeliveryPCE>
</Transaction>
</Message>
```

4 OFFERTA OTC

```
<?xml version="1.0"?>
<Message xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
MessageCode="2f270b7010d6496d8fb305d339ddb2e4" MessageType="Request" MessageDate="2009-
09-17" MessageTime="17:35:16.6406250+02:00" xmlns="urn:XML-PCE">
  <Version>2.0.0.1</Version>
  <Header>
    <Sender>
      <OperatorMsgCode>XXXXXX</OperatorMsgCode>
    </Sender>
    <Receiver>
      <OperatorMsgCode>IDGMEMTE</OperatorMsgCode>
    </Receiver>
  </Header>
  <Transaction TransactionCode="d540396b2cfe497c86c1d7f44e3fb4aa">
    <MTESystem>
      <MTEOfferte Stato="Sottomessa"
        OperatoreProponente="XXXXXXX" DataScadenzaRichiesta="2009-09-17T23:00:00">
        <ProfiloStandard Product="BL-M-2009-10" Price="50" Qty="1" ExecType="TillExec" />
        <OTC CodiceOTC="*****" OperatoreControparte="ZZZZZZZZZZ" />
        <OTCType>Proponi</OTCType>
        <OTCTNote>NOTE</OTCTNote>
      </MTEOfferte>
    </MTESystem>
  </Transaction>
</Message>
```



CeFunctionalAcknowledgement Implementation Guide for MTE						
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message		N/A	N/A	1 for file	N/A	
xmns:xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmns:xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min = 1, max = 32	Message identifier
MessageType	A	Response		0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A			0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
ResponseReferenceMessageCode	A					
ResponseMessageStatus	A		Accepted/Rejected/PartiallyAccepted			In the CeFunctionalAcknowledgement transaction indicates: 1. If the document is accepted (Accept) which means that all the transactions in the document have passed validation, partially accepted (Partial) which means that at least one transaction has been rejected, or rejected (Reject) which means that all the transaction have been rejected. 2. That a single transaction has been accepted or rejected.
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	min=1 max=16	The unique identifier of the Sender
CompanyName	E		A/N	0/1	min=1 max=60	The Name of the Sender
UserMsgCode	E		A/N	0/1	min=1 max=16	The unique identifier for the user who sends
Receiver						
OperatorMsgCode	E		A/N	1/1	min=1 max=16	The unique identifier of the Receiver
CompanyName	E		A/N	0/1	min=1 max=60	The Name of the Receiver
UserMsgCode	E		A/N	0/1	min=1 max=16	The unique identifier for the user who receives
Transaction				1 or more		
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
CeFA	E	(see CeFA structure)		1/1		
CeFA		N/A	N/A		N/A	
FunctionalAcknowledgement	E	(see FunctionalAcknowledgement structure)		1/1		Contains tags that define the positive or negative acknowledgement of receipt of the original transaction.
FunctionalAcknowledgement		N/A	N/A		N/A	
TransactionType	A	ENUM	A/N	0/1	N/A	Indicates the type of transaction that is being referred to.
CodGME				0/1		not used
CodGMEMTE				0/1		
IdOfferta				0/1		Offer Id assigned by MTE System
IdSessione				0/1		Market Session to which referenes the Functional Acknowledgement
Status	A	Accept or Reject	N/A	1/1	N/A	
OriginalReferenceNumber	A	N/A	A/N	1/1	max=32	Attribute that referenes the original transaction or document
RejectInformation	E	(see Reject Information data structure)	N/A	0 or more	N/A	
RejectInformation		N/A	N/A	0/n	N/A	Contains tags that define the reasons for rejection of the transaction or the reason of the sending of bilateral notification transaction
Reason	E	N/A	A/N	1/1	max=30	A short description of the rejection of the transaction
ReasonText	E	N/A	A/N	1/1	max=250	The text explanation for the rejection of the transaction

ESITO INVIO A PCE Implementation Guide for MTE

Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message						
		N/A	N/A	1 for file	N/A	
xmlns:xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmlns:xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min=1. max=32	Message identifier
MessageType	A	Request	ENUM	0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A			0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	max=16	The unique identifier of the Sender
Receiver						
OperatorMsgCode	E	*	A/N	1/1	max=16	
Transaction						
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
ApplicationData	A		A	0/1	string	application specific data (not used)
MPN	A		A/N	0/1	max=32	unique identifier for the transaction assigned by the PCE Operator
MTEDeliveryPCE	E	(see MTEDeliveryPCE structure)		1/1		
MTEDeliveryPCE						
TRDeliveryPCE	E	(see tyDeliveryPCE structure)		1/1		
tyDeliveryPCE						
DeliveryPCE	E	(see DeliveryPCE structure)		1/1		
DeliveryPCE						
RejectInformation	E	(see RejectInformation structure)		0/1		
Consegna	E	(see Consegna structure)		1 or more		
Periodo	A		A/N	1/1		Delivery period
Stato	A	Consegnato, NonConsegnato, Parziale	ENUM	1/1		Delivery result
RejectInformation						
Reason	E		A/N	1/1	max=32	Reject reason
ReasonText	E		A/N	1/1	max=1024	Reject reason
Consegna						
Quantita	E	(see Quantita structure)				
Quantita						
Ora	A		int	1/1		day Hour
DaConsegnare	A		int	1/1		Quantity to be delivered

Bid Notification Implementation Guide for MTE						
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message						
Message		N/A	N/A	1 for file	N/A	
xmns:xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmns:xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min=1, max=32	Message identifier
MessageType	A	Request	ENUM	0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A			0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	max=16	The unique identifier of the Sender
CompanyName	E		A/N	0/1	max=60	The Name of the Sender
UserMsgCode	E		A/N	0/1	max=16	The unique identifier for the user who sends
Receiver						
OperatorMsgCode	E		A/N	1/1	max=16	The unique identifier of the Receiver
CompanyName	E		A/N	0/1	max=60	The Name of the Receiver
UserMsgCode	E		A/N	0/1	max=16	The unique identifier for the user who receives
Transaction						
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
ApplicationData	A		A	0/1	string	application specific data (not used)
MPN	A		A/N	0/1	max=32	unique identifier for the transaction assigned by the PCE Operator
TransactionDetail	E	(see MTENotificaTC structure)		1/1		
MTENotificaTC						
TRNotifica	E	(see tyNotificaMTE structure)				
tyNotificaMTE						
MTENotifica	E	(see MTENotifica structure)				
MTENotifica						
NotificheItems	E	(see MTENotificheItems structure)				
CodiceOperatore			A/N	1/1		The unique identifier of the Operator who receives the BN
SessioneMercato	A		A/N	1/1		Market Session Id which refers the bid notification
IdAbbinamento	A		A/N	1/1		Matching Identifier
NomeProdotto	A		A/N	0/1		Name of the product
NotificheItems						
IdOfferta	A		A/N	1/1		identifier of the offer (the same communicated in the FA)
Prezzo	A		A/N	0/1		Price of the offer
QtyIniziale	A		A/N	1/1		Initial number of contracts
QtyAbbinata	A		A/N	1/1		matched number of contracts
CodiceMnemonic	A		A/N	1/1		
OriginalReferenceNumber	A		A/N	1/1		the value of field 'transaction' in the original offer
TSCreazione	A	YYYY-MM-DD	YYYY-MM-DD	1/1		Time of creation of the BN
OTC	A		A/N	0/1		secret identifier to be know by both operators
CodiceOperatoreOTC	A		A/N	0/1		The unique identifier of the CounterParty

MTENotificaUserChangeStatus Implementation Guide for MTE

Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message						
xmlns:xsd	A	N/A	N/A	1 for file	N/A	
xmlns:xsi	A		A/N	1/1		Associates the actual schema instance being used to the name space.
Version	E	1.0.2.0	A/N	1/1	max=7	Defines the schema instance being used.
Header	E	(see Header data structure)		1/1		Identifies the version of the CeMessageSchema
Transaction	E	(see Transaction data structure)		1 or more		Sender and recipient of the message
MessageCode	A		A/N	0/1	min = 1, max = 32	Transaction Container
MessageType	A	Response		0/1		Message identifier
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Message Type
MessageTime	A			0/1		Date of the message
MessageSubject	A			0/1		Time of the message
ResponseReferenceMessageCode	A		ENUM	0/1		identifies the type of the transaction inside the message
ResponseMessageStatus	A		Accepted/Rejected/PartiallyAccepted			In the CeFunctionalAcknowledgment transaction indicates: 1. If the document is accepted (Accept) which means that all the transactions in the document have passed validation, partially accepted (Partial) which means that at least one transaction has been rejected, or rejected (Reject) which means that all the transaction have been rejected. 2. That a single transaction has been accepted or rejected.
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	min=1 max=16	The unique identifier of the Sender
CompanyName	E		A/N	0/1	min=1 max=60	The Name of the Sender
UserMsgCode	E		A/N	0/1	min=1 max=16	The unique identifier for the user who sends
Receiver						
OperatorMsgCode	E		A/N	1/1	min=1 max=16	The unique identifier of the Receiver
CompanyName	E		A/N	0/1	min=1 max=60	The Name of the Receiver
UserMsgCode	E		A/N	0/1	min=1 max=16	The unique identifier for the user who receives
Transaction						
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
MTENotificaUserChangeStatus	E	(see MTENotificaUserChangeStatus structure)		1/1		
MTENotificaUserChangeStatus						
NotificaUserChangeStatus	E	(see tyMTEUserStatus structure)	A/N	1/1	N/A	Contains tags that define the positive or negative acknowledgement of receipt of the original transaction.
tyMTEUserStatus						
MTENotificaUserStatus	E	(see MTENotificaUserStatus structure)	A/N		N/A	
MTENotificaUserStatus						
CodiceOperatore			A/N	1/1	min=1 max=16	
SessioneMercato			int	0/1		
Motivazione			A/N	0/1		
NuovoStato		Abilitato, Sospeso, Disabilitato, Insolvente	ENUM	1/1		
Action		Notifica	ENUM	1/1		

Chiusura Book Implementation Guide for MTE						
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message		N/A	N/A	1 for file	N/A	
xmlns:xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmlns:xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min=1. max=32	Message identifier
MessageType	A	Request	ENUM	0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A			0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	max=16	The unique identifier of the Sender
Receiver						
OperatorMsgCode	E	*	A/N	1/1	max=16	
Transaction						
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
ApplicationData	A		A	0/1	string	application specific data (not used)
MPN	A		A/N	0/1	max=32	unique identifier for the transaction assigned by the PCE Operator
TransactionDetail	E	(see MTEReport structure)		1/1		
MTEReport						
TRReportBook	E	(see tyMTEReportChiusuraBook structure)		1/1		
tyMTEReportChiusuraBook						
MTEReportChiusuraBook	E	(see MTEReportChiusuraBook structure)		1/1		
MTEReportChiusuraBook						
ReportsItems	E	(see ReportsItems structure)				
IdSessioneMercato	A		int	1/1		Session Identifier
DataSessione	A		YYYY-MM-DD	1/1		Session Date
OraApertura	A		Datetime	1/1		Session open hours
OraChiusura	A		Datetime	1/1		Session close hours
ReportsItems	E			0 or more		
Prodotto	A		string	1/1		Product name
Ore	A		int	1/1		contracted hours
LPrice	A		float	0/1		the last offer price
LQTY	A		int	0/1		the last offer quantity
PMin	A		float	0/1		the lower offer price
PMax	A		float	0/1		the upper offer price
Vol	A		int	0/1		The contracted volume
RifPrice	A		float	0/1		The reference prices of product
CPrice	A		float	0/1		The close price of product
ControlPrice	A		float	1/1		The control price

Chiusura Book OTC Implementation Guide for MTE

Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message						
		N/A	N/A	1 for file	N/A	
xmlns:xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmlns:xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min=1. max=32	Message identifier
MessageType	A	Request	ENUM	0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A		A/N	0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	max=16	The unique identifier of the Sender
Receiver						
OperatorMsgCode	E	*	A/N	1/1	max=16	
Transaction						
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
ApplicationData	A		A	0/1	string	application specific data (not used)
MPN	A		A/N	0/1	max=32	unique identifier for the transaction assigned by the PCE Operator
TransactionDetail	E	(see MTEReportOTC structure)		1/1		
MTEReportOTC						
TRRReportBookOTC	E	(see tyMTEReportChiusuraBookOTC structure)		1/1		
tyMTEReportChiusuraBookOTC						
MTEReportChiusuraBookOTC	E	(see MTEReportChiusuraBookOTC structure)		1/1		
MTEReportChiusuraBookOTC						
ReportsItemsOTC	E	(see ReportsItemsOTC structure)		0 or more		
IdSessioneMercato	A		N	1/1		Session Identifier
DataSessione	A		YYYY-MM-DD	1/1		Session Date
OraApertura	A		Datetime	1/1		Session open hours
OraChiusura	A		Datetime	1/1		Session close hours
ReportsItemsOTC						
Prodotto	A		A/N	1/1		Product name
Ore	A		int	1/1		contracted hours
LPrice	A		float	0/1		the last offer price
LQTY	A		int	1/1		the last offer quantity
PMin	A		float	0/1		the lower offer price
PMax	A		float	0/1		the upper offer price
Vol	A		int	1/1		The contracted volume
ControlPrice	A		float	1/1		The control price

Predisposizione Book Implementation Guide for MTE						
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message		N/A	N/A	1 for file	N/A	
xmlns:xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmlns:xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min=1, max=32	Message identifier
MessageType	A	Request	ENUM	0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A			0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	max=16	The unique identifier of the Sender
Receiver						
OperatorMsgCode	E	*	A/N	1/1	max=16	
Transaction						
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction
ApplicationData	A		A	0/1	string	application specific data (not used)
MPN	A		A/N	0/1	max=32	unique identifier for the transaction assigned by the PCE Operator
MTESessionePred	E	(see MTESessionePred structure)		1/1		
MTESessionePred						
TRSessionPred	E	(see tyMTEReportPredisposizioneBook structure)		1/1		
tyMTEReportPredisposizioneBook						
MTEReportPredisposizioneBook	E	(seeMTEReportPredisposizioneBook structure)		1/1		
MTEReportPredisposizioneBook						
BookItems	E	(see BookItems structure)				
IdSessioneMercato	A		N	1/1		Session Identifier
DataSessione	A		YYYY-MM-DD	1/1		Session Date
OraApertura	A		Datetime	1/1		Session open hours
OraChiusura	A		Datetime	1/1		Session close hours
BookItems	E			0 or more		
NomeProdotto	A		A/N	1/1		Product name
DataInizioTrading	A		datetime	1/1		Start trading
DataFineTrading	A		datetime	1/1		End trading
RifPrice	A		float	0/1		The reference prices of product
CPrice	A		float	0/1		The close price of product
PrecVol	A		float	0/1		The contracted volume in the last session for this session
PercClosePrice	A		float	0/1		the benchmark
ControlPrice	A		float	1/1		The control price

Offerta OTC Implementation Guide for MTE						
Element / Attribute names	Attribute / Element	Valid Information in Field (enumeration)	Data Type	Occurrences Min/Max	Field Length	Definition
Message		N/A	N/A	1 for file	N/A	
xmins.xsd	A		A/N	1/1		Associates the actual schema instance being used to the name space.
xmins.xsi	A		A/N	1/1		Defines the schema instance being used.
Version	E	1.0.2.0	A/N		max=7	Identifies the version of the CeMessageSchema
Header	E	(see Header data structure)		1/1		Sender and recipient of the message
Transaction	E	(see Transaction data structure)		1 or more		Transaction Container
MessageCode	A		A/N	0/1	min=1, max=32	Message Identifier
MessageType	A	Request	ENUM	0/1		Message Type
MessageDate	A	Valid Date	YYYY-MM-DD	1/1		Date of the message
MessageTime	A			0/1		Time of the message
MessageSubject	A		ENUM	0/1		identifies the type of the transaction inside the message
Header						
Sender	E	(see Sender data structure)		1/1		message sender
Receiver	E	(see Receiver data structure)		1/1		message receiver
Sender						
OperatorMsgCode	E	(IDGMEMTE)	A/N	1/1	max=16	The unique identifier of the Sender
Receiver						
OperatorMsgCode	E	*	A/N	1/1	max=16	
Transaction						
MTESystem	E	(see MTE System data structure)		1/1		
TransactionCode	A		A/N	0/1	max=32	unique identifier of the transaction defined by the operator
ApplicationData	A		A	0/1	string	application specific data (not used)
MPN	A		A/N	0/1	max=32	identifier for the transaction assigned by the Operator
MTESystem						
MTEOfferte	E	(see MTEOfferte structure)		1/1		
MTEOfferte						
ProfiloStandard	E	(see ProfiloStandard structure)		1/1		
OTC	E	(see OTC structure)		1/1		
OTCType	E	Proponi	A/N	1/1		
OTCTNote	E		A/N	0/1	max=80	Generic Note
Sessione Mercato	A		int	0/1	int	Market Session Identifier
Stato	A	Sottomessa	A/N	1/1		Status of the Offer
Operatore proponente	A		A/N	1/1	min=1 max=16	The unique identifier of the submitter
DataScadenzaRichiesta	A	Valid Date	YYYY-MM-DD hh:mm:ss	1/1		Expiration date of the proposal
ProfiloStandard						
Product	A		A/N	1/1		Type of product
Price	A		A/N	0/1		Price (required if OTC)
ExecType	A	TillExec	A/N	1/1		Type of execution
OTC						
CodiceOTC	A		A/N	0/1	min=1 max=32	secret identifier to be know by both operators
OperatoreControparte	A		A/N	0/1	min=1 max=16	The unique identifier of the CounterParty