Framework Purchase Order

Information

Date: 08/04/2016
Framework PO #: 5500006639
Payment Terms: within 30 days Due net
Delivery Date: 08/01/2015
F.O.B.: FOB Shipping Point PP & Add
Buyer: Karen Newman
Phone: 901-448-7271
Fax: 901-448-8028
Validity Dt: From 08/01/2016 To 07/31/2017
Collective Number: 10050670

Vendor Address
Vendor No. 1054685
LIFE TECHNOLOGIES CORPORATION
5791 VAN ALLEN WAY
CARLSBAD CA 92008

Bill To:
Purchasing Services
847 Monroe, Suite 216
Memphis, TN 38163

<table>
<thead>
<tr>
<th>Item</th>
<th>QTY</th>
<th>UM</th>
<th>Material/Description</th>
<th>Price Per Unit</th>
<th>Net Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>1</td>
<td>LOT</td>
<td>Chemicals &amp; Reagents</td>
<td>1,000,000.00</td>
<td>1,000,000.00</td>
</tr>
</tbody>
</table>

Discount Range from 2% to 71% off of List

Total Net Amount without Tax USD

1,000,000.00

Unless otherwise stated herein, the University's Standard Terms and Conditions, available at http://purchasing.tennessee.edu/UT_Standard_Terms__Conditions.html are incorporated into this Purchase Order as well as those contained in the referenced RFO.

Signature

Michelle Newman 8/4/16
Purchasing Services
847 Monroe, Room 216
Memphis, TN 38163

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Note: PO #5500006639 REPLACES PREVIOUS AGREEMENT # 4600002297.

Notice of term contract award for items listed below. THIS IS NOT AN ORDER. Quantities shown below are ESTIMATES ONLY. Purchases against this contract will be made by using the framework order number that appears in the Information section above. This number should appear on all invoices.

Amendment #1 for period: August 1, 2016 through July 31, 2017.

Extension: Three(3) additional periods of one (1) year each upon written mutual agreement.

This contract is based on the following:

1. Request for Quotation # ESM 442
2. Life Technologies Bid dated July 15, 2015
3. Life Technologies Price list dated July 15, 2015

Unless otherwise stated herein, the University’s Standard Terms and Conditions, available at http://purchasing.tennessee.edu/UT_Standard_Terms_&_Conditions.html are incorporated into this Purchase Order as well as those contained in the referenced RFQ.

Signature: K. Michelle Newman 8/4/16
Vendor Address
Vendor No. 1054685
LIFE TECHNOLOGIES CORPORATION
5791 VAN ALLEN WAY
CARLSBAD CA 92008

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The University of Tennessee conforms to all applicable rules, regulations and relevant orders of the Secretary of Labor. Affirmative action clauses and supporting regulations are incorporated by reference 41 C.F.R. 60-1.4 sections 60-250.22, 60-741.22 and C.F.R. 61-250.10.

Signature  [Signature]

8/4/16

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