|  |  |
| --- | --- |
| Application: | Tax Calculator |
| Evaluation Undertaken By: | Lance Flatman |
| Evaluation Date: | 23/12/2018 |
| Reuse Component Requirements: | Enable the TaxCalculator software to create a PDF file that reports the employee’s details and tax payable. |

| ID | Reuse Component | Meets Reqmnt | Cost | Technical Implications and Functionality | License Conditions |
| --- | --- | --- | --- | --- | --- |
| 1 | iTextSharp (iText7) | Yes (if distributed freely) | Free (if you distribute your software free)  If commercial, then it will require a purchased license (website doesn’t specify costs and multiple options – I searched and this seems to be around $750AUD for a single license). | - Generate documents and reports based on data from an XML file or a database  - Create maps and books, exploiting numerous interactive features available in PDF  - Add bookmarks, page numbers, watermarks, and other features to existing PDF documents  - Split or concatenate pages from existing PDF files  - Fill out interactive forms  - Serve dynamically generated or manipulated PDF documents to a web browser | Copyright (c) 1998-2018 iText Group NV  <http://itextpdf.com/>  GNU Affero General Public License  [http://www.gnu.org/ licenses/agpl.html](http://www.gnu.org/licenses/agpl.html) |
| 2 | GemBox.Pdf | Possibly (if information is limited to 2 pages)  Least expensive commercial option. | Free (limited to 2 pages)  Paid Version:  1 Developer License $240.00 USD (additional options for teams) | - Supports reading, writing, creating and updating PDF files from .NET applications  - Create PDF files in C#  - Merge PDF files in C#  - Split PDF files in C#  - It can read a 1,000 page PDF file full of text (almost 500,000 words) in just three seconds. | <https://www.gemboxsoftware.com/pdf>  (For full version) Our licensing is very simple; every developer working with our component needs to be covered by a developer license. We don’t care if it is a desktop, mobile or a web application; how many servers you use or if you have just one, or millions, of customers. |
| 3 | TX Text Control .NET Express | No – free version doesn’t allow for PDF output. | Free version is limited (no PDF option).  Paid version doesn’t detail costs (this version allows PDF) | - RichTextBox replacement  Replace the .NET Framework RichTextBox with a powerful component.  - Add comprehensive WYSIWYG word processing to your own applications within minutes.  - True WYSIWYG rich text editor including printing, print preview and full table support.  - Fully featured printing  Print and Print Preview RTF and HTML documents.  - Programmable text fields - Replace text with programmable TextFields and build mail merge applications.  - Automatic pagination  - Rich table support - including nested tables, repeating table headers and table row wrap control between pages. | - Licensing details are not specified on the product website. These would be supplied when purchasing the product.  <https://www.textcontrol.com/sites/tx-text-control-express/> |
| 4 | Free .NET PDF Library | Possibly (enough pages in free version to handle individual employee details)  Paid version expensive. | Free (limited to 10 pages)  Paid Version:  1 Developer License $599.00 USD (and other options) | - Merge/split PDF documents  - Overlay documents.  - Import and stamp feature  - Booklet feature  - Create and fill form field  - Protect PDF documents by setting passwords and digital signature.  - Extract images, text, pages and attachments from a PDF document  - Pen and brush to draw shape elements, text, images into PDF documents.  - Table and table style can be supported by Free Spire.PDF for .NET. | License details: <https://www.e-iceblue.com/Buy/Spire.PDF/License-Agreement.html> |

**Recommendation:** Of the 4 options provided there are 3 which are Free to use and would provide the ability to create a PDF document within the C# environment. GemBox PDF is limited to 2 pages and Free .Net PDF Library allows up to 10 pages and iTextSharp7 is unlimited. If used in a commercial application, these would require licensing. In the case of the current application, there are no free feasible options.

The least expensive commercial option for this project would be GemBox.PDF (around $350.00AUD).