|  |  |  |
| --- | --- | --- |
| ***Engineering Solutions On-Line presents the*** |   |   |
| **Sample Cost Benefit Analysis Template** |   |   |
| **(with Amortization Calculator)** |   |   |   |   |   |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | **A product of Engineering Solutions On-Line,** |   |   |   |  |
|  | **a division of Armitage Consulting** |   |   |   |   |  |
|  | **Copyright 2009, Armitage Consulting, all rights reserved** |   |   |  |
|  |   |   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |   |   |  |
|  | **Author:** | John Cesarone, Ph.D., P.E. |   |   |   |   |  |
|  | **Date:** | May 2009 |   |   |   |   |   |   |  |
|  | **Version:** | 2.02.1 |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |   |   |  |
|  |   |   |   |   |   |   |   |   |  |
|  | **Contact Information:** |   |   |   |   |   |  |
|  | **e-mail:** | jcesarone999@gmail.com |   |   |   |   |  |
|  | **web:** | [http://EngineeringSolutions.homestead.com](http://engineeringsolutions.homestead.com/) |   |   |   |  |
|  | **phone:** | 312.493.0839 |   |   |   |   |   |  |
|  | **fax:** | 504.285.0687 |   |   |   |   |   |  |
|  |  |  |  |  |  |  |  |  |  |

**Sample Cost Benefit Analysis**

Part Number

Description

Total Requirements (Units)

20,000

Number of Vendors

5

Requirement per Vendor

4,000

**PRICES AND DELIVERY COSTS IN UNITS**

Vendor

Bid Price

Delivery

Total

1.

Vendor

$24

$1

$24

2.

Vendor

$21

$2

$23

3.

Vendor

$23

$2

$25

4.

Vendor

$22

$1

$23

5.

Vendor

$22

$1

23.45

**Average Delivered Price Per Unit**

**$23.75**

**ALLOCATION OF ORDERS AND COSTS**

Manual

Delivered

Price vs.

Actual

 Amount

Vendor

Override

Price/Unit

Average

Order

of Order

1.

Vendor

3000

$24

103%

3000

$73,200

2.

Vendor

10000

$23

95%

10000

$226,500

3.

Vendor

0

$25

104%

0

$0

4.

Vendor

7000

$23

99%

7000

$164,150

5.

Vendor

0

$23

99%

0

0

**Total Units**

**20000**

**SUMMARY**

Total Cost of Orders

$463,850

Low Bidder Total

$453,000

Multiple Bid Premium and %

**$10,850**

**2.40%**