

## ARC - 6564

### The Entwistle Company –

- 1) SO User field 4, 5 copy to WO User field 1, 2 (in BOM All MJ Components WOs suffix-000, 001, 002.....) AND
- 2) WO User field 1, 2 copy to PO User fields 1, 2 (parent and children).

### Business Case

The customer will be using Sales Order line USER FIELDS for required information on their sales orders:

Order Entry - User Fields X

☐ Order Header
 ☒ Order Line

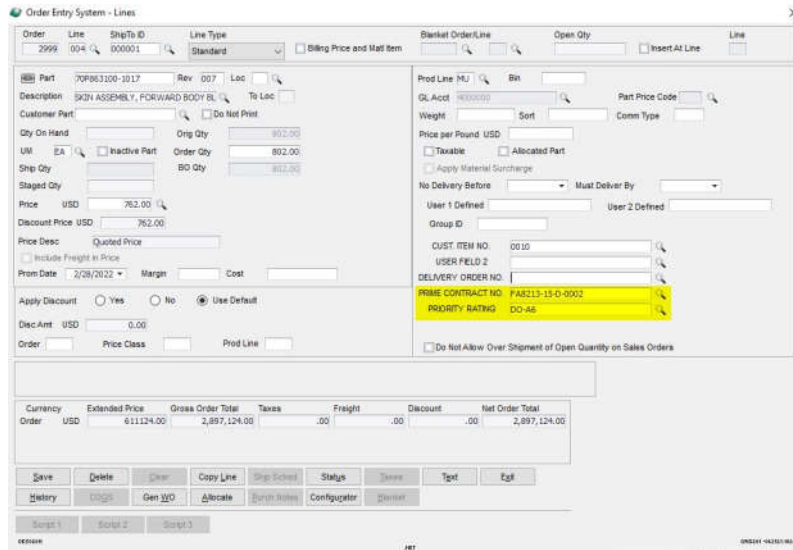
| Field Label                      | Prints On:                          |                                     |                                     |                                     |                                     | Apply to Items Defined in Tables |
|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------------|
|                                  | Acknowledgment                      | Packing List                        | Invoice                             | Validate                            | Required                            |                                  |
| User Field 1: CUST. ITEM NO.     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>         |
| User Field 2: USER FIELD 2       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>         |
| User Field 3: DELIVERY ORDER NO. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>         |
| User Field 4: PRIME CONTRACT NO. | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>         |
| User Field 5: PRIORITY RATING    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>         |

ORDSUSR Save Apply Tables Val Tables Exit ORDTBL 011321.1617

It is required to ALSO have the information from USER FIELD 4 (Prime Contract No.) and USER FIELD 5 (Priority Rating) appear on the Work order and Purchase Orders.

### Expected Behavior (?):

#1 – See SO User field 4 information in WO Header/Options User Field #1, SO User field 5 information in WO Header/Options User Field #2.



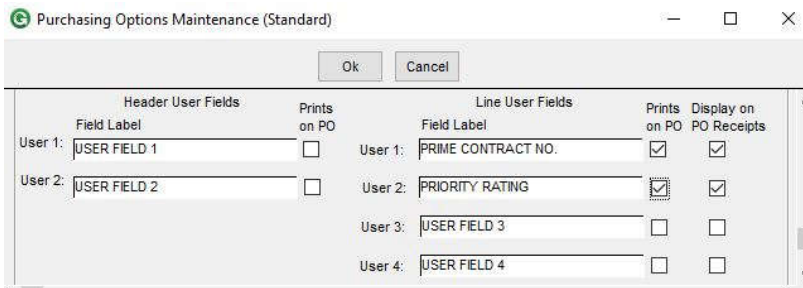
#2 - When printing the WO, this WO user field needs to be printed – we can use Co Options

### Work Order Header User Fields



#3 When creating a PO from a WO demand need to COPY Parent WO (WO suffix - 000) User field 1,2 to All PO Line User fields 1, 2

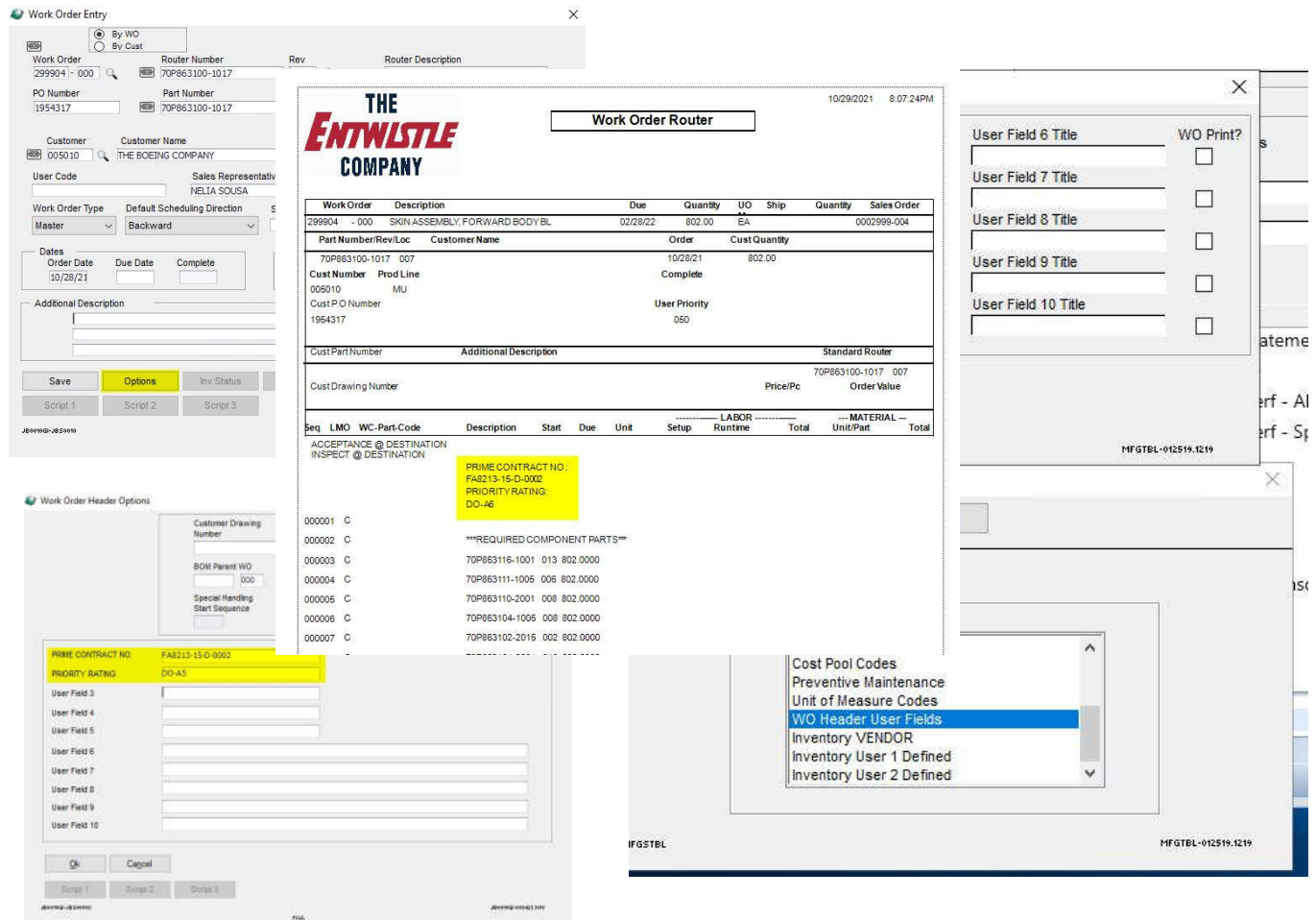
#4 (have the PO Line User field print below the part description – we can use Co Options



| Header User Fields |              | Prints on PO             | Line User Fields |                    | Prints on PO                        | Display on PO Receipts              |
|--------------------|--------------|--------------------------|------------------|--------------------|-------------------------------------|-------------------------------------|
| User               | Field Label  |                          | User             | Field Label        |                                     |                                     |
| User 1:            | USER FIELD 1 | <input type="checkbox"/> | User 1:          | PRIME CONTRACT NO. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| User 2:            | USER FIELD 2 | <input type="checkbox"/> | User 2:          | PRIORITY RATING    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                    |              |                          | User 3:          | USER FIELD 3       | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                    |              |                          | User 4:          | USER FIELD 4       | <input type="checkbox"/>            | <input type="checkbox"/>            |

## Proposed Solution:

When Creating a WO from a SO, a GAB script will run to copy the information from Sales Order Line USER FIELD 4 to WO USER #1 field and Sales Order Line USER FIELD 5 to WO USER #2 field. All work orders in the BOM work order shall get the same copy from the sales order line.



**Work Order Entry**

By WO  
By Cust

Work Order: 299904 ~ 000  
Router Number: 70P863100-1017  
Rev: Router Description

PO Number: 1954317  
Part Number: 70P863100-1017

Customer: 005010  
Customer Name: THE BOEING COMPANY  
User Code: 005010  
Sales Representative: NELIA SOUSA

Work Order Type: Master  
Default Scheduling Direction: Backward

Dates  
Order Date: 10/28/21  
Due Date:   
Complete:   
10/28/21

Additional Description

Save Options Inv Status  
Script 1 Script 2 Script 3

**Work Order Router**

10/29/2021 8:07:24PM

| Work Order          | Description                   | Due                | Quantity                            | UO    | Ship | Quantity | Sales Order |         |       |       |                  |           |       |
|---------------------|-------------------------------|--------------------|-------------------------------------|-------|------|----------|-------------|---------|-------|-------|------------------|-----------|-------|
| 299904 ~ 000        | SKIN ASSEMBLY FORWARD BODY BL | 02/28/22           | 802.00                              | EA    |      |          | 0002999-004 |         |       |       |                  |           |       |
| Part Number/Rev/Loc | Customer Name                 | Order              | Cust Quantity                       |       |      |          |             |         |       |       |                  |           |       |
| 70P863100-1017 007  |                               | 10/28/21           | 802.00                              |       |      |          |             |         |       |       |                  |           |       |
| Cust Number         | Prod Line                     | Complete           |                                     |       |      |          |             |         |       |       |                  |           |       |
| 005010              | MU                            |                    |                                     |       |      |          |             |         |       |       |                  |           |       |
| Cust P O Number     | User Priority                 |                    |                                     |       |      |          |             |         |       |       |                  |           |       |
| 1954317             | 050                           |                    |                                     |       |      |          |             |         |       |       |                  |           |       |
| Cust Part Number    | Additional Description        | Standard Router    |                                     |       |      |          |             |         |       |       |                  |           |       |
|                     |                               | 70P863100-1017 007 |                                     |       |      |          |             |         |       |       |                  |           |       |
| Cust Drawing Number | Price/Pc                      | Order Value        |                                     |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    |                                     |       |      |          |             |         |       |       |                  |           |       |
| Seq                 | LMO                           | WC-Part-Code       | Description                         | Start | Due  | Unit     | Setup       | Runtime | Total | LABOR | --- MATERIAL --- | Unit/Part | Total |
|                     |                               |                    | ACCEPTANCE @ DESTINATION            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | INSPECT @ DESTINATION               |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | PRIME CONTRACT NO. FA8213-15-D-0002 |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | PRIORITY RATING: DO-45              |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | DO-45                               |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | ***REQUIRED COMPONENT PARTS***      |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000001 C                            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000002 C                            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000003 C                            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000004 C                            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000005 C                            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000006 C                            |       |      |          |             |         |       |       |                  |           |       |
|                     |                               |                    | 000007 C                            |       |      |          |             |         |       |       |                  |           |       |

**Work Order Header Options**

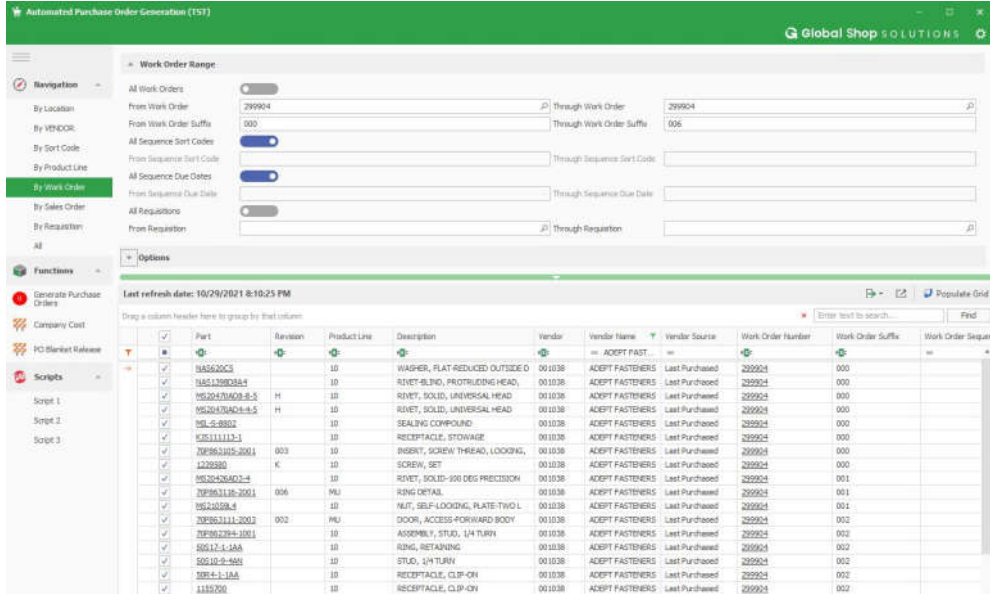
Customer Drawing Number:   
BOM Parent WO: 000  
Special Handling Start Sequence:   
PRIME CONTRACT NO. FA8213-15-D-0002  
PRIORITY RATING: DO-45  
User Field 3:   
User Field 4:   
User Field 5:   
User Field 6:   
User Field 7:   
User Field 8:   
User Field 9:   
User Field 10:   
OK Cancel  
Script 1 Script 2 Script 3

**Cost Pool Codes**

Preventive Maintenance  
Unit of Measure Codes  
WO Header User Fields  
Inventory VENDOR  
Inventory User 1 Defined  
Inventory User 2 Defined

When Creating a PO from a WO, a GAB script will run to copy the information from the Parent WO USER FIELD #1 (WOs suffix 000) to ALL PO Line USER FIELD #1 (WOs suffix 000,001,002...) and Parent WO USER FIELD #2 (WOs suffix 000) to ALL PO Line USER FIELD #2 (in BOM – Use all WO suffix 000, 001, 002,...).

In Single Level Router WO has no suffix. Copy WO USER FIELD #1, #2 to PO Line USER FIELD #1, #2



**Automated Purchase Order Generation (TST)**

Global Shop SOLUTIONS

**Navigation**

- By Location
- By Vendor
- By Sort Code
- By Product Line
- By Work Order**
- By Sales Order
- By Requisition
- All

**Work Order Range**

All Work Orders: 0

From Work Order: 299904 Through Work Order: 299904

From Work Order Suffix: 000 Through Work Order Suffix: 000

From Sequence Sort Codes: All Sequence Sort Codes

From Sequence Start Code: Through Sequence Start Code:

From Sequence Due Date: All Sequence Due Dates

From Sequence Due Date: Through Sequence Due Date:

From Requisition: All Requisitions

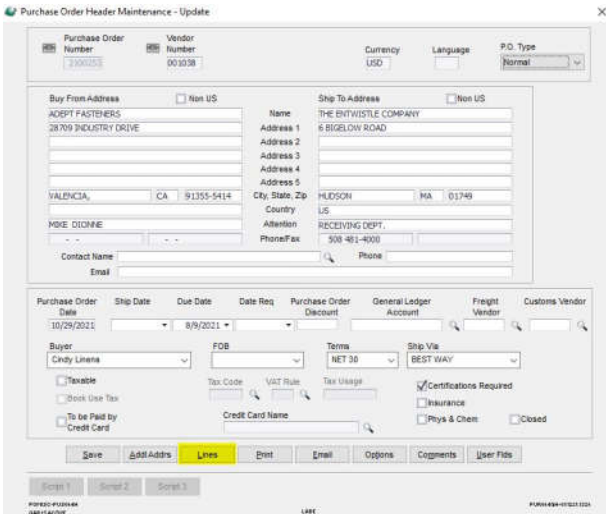
From Requisition: Through Requisition:

**Options**

Last refresh date: 10/29/2021 8:10:25 PM

Drag a column header here to group by that column:

|                                     | Part           | Revision | Product Line | Description                    | Vendor | Vendor Name     | Vendor Source  | Work Order Number | Work Order Suffix | Work Order Sequence |
|-------------------------------------|----------------|----------|--------------|--------------------------------|--------|-----------------|----------------|-------------------|-------------------|---------------------|
| <input checked="" type="checkbox"/> | NAS620CS       |          | 10           | WASHER, FLAT REDUCED OUTSIDE O | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | NAS1280DA4     |          | 10           | RIVET-BLIND, PROTRUDING HEAD   | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | MS20470A08-8-5 | H        | 10           | RIVET, SOLID, UNIVERSAL HEAD   | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | MS20470A08-8-5 | H        | 10           | RIVET, SOLID, UNIVERSAL HEAD   | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | MS4-8802       |          | 10           | SEALING COMPOUND               | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | MS111113-1     |          | 10           | RECEPTACLE, STORAGE            | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | 20P861002-3881 | 003      |              | INSERT, SCREW THREAD, LOCKING  | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | 122980         | K        | 10           | SCREW, SET                     | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 000               |                     |
| <input checked="" type="checkbox"/> | MS20470A07-4   |          | 10           | RIVET, SOLID-100 DEG PRECISION | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 001               |                     |
| <input checked="" type="checkbox"/> | 20P86110-2001  | 006      | MU           | RING DETAIL                    | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 001               |                     |
| <input checked="" type="checkbox"/> | MS24028-4      |          | 10           | NUT, SELF-LOADING, PLATE-TWO L | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 001               |                     |
| <input checked="" type="checkbox"/> | 20P861111-2003 | 002      | MU           | DOOR, ACCESS-FORWARD BODY      | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 002               |                     |
| <input checked="" type="checkbox"/> | 20P861004-1001 |          | 10           | ASSEMBLY, STUD, 1/4 TURN       | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 002               |                     |
| <input checked="" type="checkbox"/> | MS12-1-1AA     |          | 10           | RING, RETAINING                | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 002               |                     |
| <input checked="" type="checkbox"/> | MS10-2-1AA     |          | 10           | STUD, 1/4 TURN                 | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 002               |                     |
| <input checked="" type="checkbox"/> | MS14-1-1AA     |          | 10           | RECEPTACLE, CLIP-ON            | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 002               |                     |
| <input checked="" type="checkbox"/> | 1133700        |          | 10           | RECEPTACLE, CLIP-ON            | 001038 | ACEPT FASTENERS | Last Purchased | 299904            | 002               |                     |



**Purchase Order Header Maintenance - Update**

Purchase Order Number: 299904 Vendor Number: 001038 Currency: USD Language: P.O. Type: Normal

Buy From Address: ACEPT FASTENERS 28709 INDUSTRY DRIVE VALENCIA, CA 91355-5414

Ship To Address: THE ENTWISTLE COMPANY 6 BIGELOW ROAD HUDSON, MA 01749

MOORE DIONNE 508 491-4000

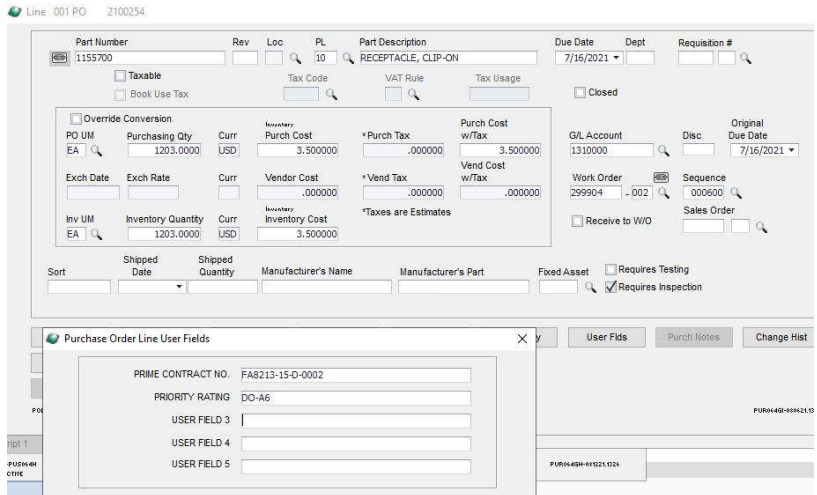
Purchase Order Date: 10/29/2021 Ship Date: 8/9/2021 Due Date: Date Req: Purchase Order Discount: General Ledger Account: Freight Vendor: Customs Vendor:

Buyer: Cindy Linares FOB: Terms: NET 30 Ship Via: BEST WAY

☐ Taxable ☐ Book Use Tax ☐ To be Paid by Credit Card

Tax Code: VAT Rate: Tax Usage: ☒ Certifications Required ☐ Insurance ☐ Phys & Chem ☐ Closed

Save Add Address Lines Print Email Options Comments User Fields



**Line: 001 PO: 2100254**

Part Number: 1155700 Rev: 10 Loc: 10 PL: 10 Part Description: RECEPTACLE, CLIP-ON Due Date: 7/16/2021 Dept: Requisition #: 1310000

☐ Taxable ☐ Book Use Tax Tax Code: VAT Rule: Tax Usage: ☐ Closed

☐ Override Conversion

| PO UM | Purchasing Qty | Curr | Inventory Purch Cost | * Purch Tax | Purch Cost w/Tax |
|-------|----------------|------|----------------------|-------------|------------------|
| EA    | 1203.0000      | USD  | 3.500000             | .000000     | 3.500000         |

| Exch Date | Exch Rate | Curr | Vendor Cost | *Vend Tax | Vend Cost w/Tax |
|-----------|-----------|------|-------------|-----------|-----------------|
|           |           |      | .000000     | .000000   | .000000         |

| Inv UM | Inventory Quantity | Curr | Inventory Cost |
|--------|--------------------|------|----------------|
| EA     | 1203.0000          | USD  | 3.500000       |

\*Taxes are Estimates

Sort: Shipped Date: Shipped Quantity: Manufacturer's Name: Manufacturer's Part: Fixed Asset: ☐ Requires Testing ☒ Requires Inspection

**Purchase Order Line User Fields**

PRIME CONTRACT NO: FAB213-15-D-0002

PRIORITY RATING: DO-A6

USER FIELD 3:

USER FIELD 4:

USER FIELD 5:

PO: 2100254

PO: 2100254

PO: 2100254

When a PO is created from a WO demand, the PO Line USER FIELD #1, #2 (SO User field 4,5) , the WO#, will print on the PO below the line description. – **Standard Purchasing Company Option**

|            |               |  |                 |  |                  |                             |         |   |                     |
|------------|---------------|--|-----------------|--|------------------|-----------------------------|---------|---|---------------------|
| Vendor     |               | STEEL CO<br>STEELER BLVD<br>PITTSBURG, PA 22589<br>814 956-3215<br>Fax: 814 956-3215 |                 | Vendor Code<br>000400  | Buyer Code<br>PZ | Attention<br>RECEIVING DEPT | Ship To | GLOBAL SHOP PLAY SYSTEM<br>975 EVERGREEN CIRCLE<br>THE WOODLANDS, TX 77380<br>USA<br>281 681-1959 | CHANGED: 10/30/2021 |
| PO Date    | Required Date | Due/Promised Date  | Ship Date       | Ship Via   | FOB              | Terms                       |         |   |                     |
| 10/30/2021 | 12/27/2021    | 12/27/2021   |                 | BEST WAY   | POINT OF ORIGIN  | NET 30                      |         |   |                     |
| Item       | Quantity      | UM   | Part Number/Rev | Description  | Unit Price       | Extension                   |         |   |                     |
| 001        | 35.70         | LB   | CR1648120       | COLD ROLLED STEEL 16 GA.48X120<br>Prime Contract No.:<br>PRIME CONTRACT TEST<br>Priority Rating:<br>PRIORITY NUMBER TEST<br>DUE: 12/27/21<br>WO: 009901 003 000100 | 0.3093           | 11.04                       |         |   |                     |
| 002        | 35.70         | LB   | CR1648120       | COLD ROLLED STEEL 16 GA.48X120<br>Prime Contract No.:<br>PRIME CONTRACT TEST<br>Priority Rating:<br>PRIORITY NUMBER TEST<br>DUE: 12/22/21<br>WO: 009901 005 000100 | 0.3093           | 11.04                       |         |   |                     |