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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PMI_LOGO_INVOICE  Pioneer Materials, Inc.  3357 Candlewood Road  Torrance, CA 90505 USA  [Leon.chiu@pioneer-materials.com](mailto:Leon.chiu@pioneer-materials.com)  1-714-721-5332 fax 1-310-539-0305 | |  | | | **Purchase Order**  #160417 | | | |
| Vendor: | | | | Bill To: | | Ship to Address: |
| Thermal Conductive Bonding, Inc. |  | | Bridgeline Corporation | | | | |
| Attn: Greg Fletcher |  | | TBD | | | | |
| 19 Great Oaks Blvd. |  | |  | | | | |
| San Jose, CA 95119 USA |  | | Bridgeline PO#1602151 | | | | |
| Tel: 408-800-4146 |  | | Mobile: +82-10-4109-9086 | | | | |
| Fax: 408-920-0257 |  | | James Han | | | | |

[gfletcher@tcbonding.com](mailto:gfletcher@tcbonding.com) hanys211@naver.com

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| --- | --- | --- | --- | --- |
| Date | PO# | Quote # | ship via | terms |
| 04/17/2016 | 160417 | Ryan Scatena 09/27/2012 email | Fedex | 30 days net |

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| --- | --- | --- | --- | --- |
| item | Quantity | Description | unit price | total |
| 1 | 1 | Elastomer bond with 230C de-bond layer of GeAsSe 440mm OD target x 8.40mm thick target to aluminum backing plate (customer supplied; see backing plate drawing); **Back-side Metallization needed; please cure at room temperature to reduce thermal expansion mismatch stress.**  GeAsSe-160406-O-1 Blank#25; please include CofA, MSDS, and packing list in package (to be provided by PMI; PO#BRC1602151  **please weigh blank before bonding; ; please build up Sn layer to approximately 0.20mm thick (blank is at 8.40mm thick); target will be polished to mirror-finish; please use mirror-finish as “sputter side”. Please bond to the other side.** | $860.00 | $860.00 |
|  |  |  |  |  |
| Sub-total | | | | $860.00 | |
| Tax; Shipping & handling | | | |  | |
| **Total** | | | | **$860.00** | |

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|  |  |  |
|  |  | Seller Signature Date |
|  |  |  |
|  |  |  |
|  |  | Leon Chiu 04/17/2016 |
|  |  | Buyer Signature Date |