	Project Review Sheet		
	Form		Doc. #: TMG-F-7.1-400101
	Approved By: DES	Date: 1/24/12	Revision: E Page 1 of 5

Received Date: _____

1.0 PURPOSE

1.1 This document provides for gathering the specific information required to provide a thermal solution. Please review the general guidelines and provide the information requested to allow NPI Thermal Management Group to review the application.

2.0 CONTACT INFORMATION

Please fill in the following information:

2.1 Company Name: _____

2.2 Contact Name: _____

2.3 Contact Phone # (____) _____-

2.4 Contact Email Address: _____

2.5 Contact Address: _____

2.6 Contact State/ Postal/ Country: _____

2.7 Company Website URL: _____

2.8 PROJECT NAME: _____

3.0 TECHNICAL RELATED QUESTIONS

3.1 Please describe the application for which a thermal solution is required. Please include the industry classification of the product.(Please provide sketches, drawings, models or pictures as required to clearly define the problem and/or proposed solution for the application)



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3.2 Heat Sources: Please describe the heat source(s).

3.2.1 Heat Source Definition: What is (are) the heat source(s)?

3.2.2 Heat Source Quantity: How many heat sources are present?

3.2.3 Heat Source Size: What is (are) the size of the heat source(s)?

3.2.4 Heat Source Load: What is (are) the heat load(s) to be removed?

3.4 Solution Orientation: Will the thermal solution/heat pipe have to operate against gravity (is the heat source physically located above the cold source).


3.5 Type of cooling: Is the thermal solution cooled by forced convection or natural convection?

3.5.1 Forced convection cooling: If forced convection, please describe the fan(s).

3.5.1.1 Fan make

3.5.1.2 Fan model

3.5.1.3 Fan maximum air flow rate

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3.6 System Temperature: Please specify the following system temperatures.

3.6.1 Operating Temperature: What is the operating temperature range of the device(s) to be cooled?

3.6.2 Storage Temperature: What is the storage temperature of the device(s) to be cooled?

3.6.3 Case Temperature: What is the maximum case temperature of the device(s) to be cooled?

3.6.4 Ambient Temperature: What is the maximum ambient temperature?

3.7 Design Constraints: Please identify constraints in the following areas.

3.7.1 Mechanical Constraint: Are there any dimensional or mechanical constraints?

3.7.2 Material Constraints: Are there any design or material constraints?

3.7.3 Cosmetic Constraints: Are there any unique cosmetic, mechanical, or surface finish specifications?

3.7.4 Environmental Constraints: Will the thermal solution be required to operate in a hostile environment (vibration, freeze / thaw, etc.)?

4.0 PROGRAM RELATED QUESTIONS



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4.1 Prototypes: Please fill in the following information regarding prototypes.

4.1.1 Prototype Quantity: What are the prototype quantities?

4.1.2 Quote Required Date:

4.1.2 Prototype Schedule: When will the prototypes be required?

4.2 Production: Please fill in the following information regarding production units.

4.2.1 Target Solution Price: What is the target production price for this solution at the production quantity?

4.2.2 Production Quantity: What are the production quantities or annual volumes?

4.2.3 Production Schedule:


4.2.3.1 When will production quantities be required?

4.2.3.2 What is the production ramp schedule?

4.2.4 Delivery Location: Where are the production units to be shipped?

4.2.5 Quote Volume: For what quantities should we provide a quotation?

4.3 Vendor Selection Requirements:

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4.3.1 Competing Technologies: What other technologies are being reviewed for this solution?

4.3.2 Determining Factors: What are the top 2 determining factors for awarding this solution?

4.3.3 Award Timeframe: When will a decision be made to select the solution provider?

4.3.4 Bid Type: Is this a competitive bid? If so, are prototype costs or production costs the deciding factor?

5.0 CONFIDENTIALITY

5.1 Confidentiality: Is this application confidential?

5.2 Non-Disclosure: Is there a need to establish a mutual non-disclosure agreement (NDA)?