Proposal

NASA IRTF
Mauna Kea, HI
On Site Programming
Table of Contents

I. Technical Scope

1. Description
2. Scope of Work - Able-Baker
3. Scope of Work - Others
4. Clarifications

II. Project Management

5. Schedule
6. Cost
7. Payment Schedule
1. Description

1.1 Able-Baker Automation, Inc. will provide on site engineering and programming assistance for the IRTF Dome.

2. Scope of Work - Able-Baker

2.1 Able-Baker shall provide remote engineering and programming assistance at the direction of the on site engineering staff.

2.2 Able-Baker shall supply complete program documentation of the changes made to the systems worked on.

3. Scope of Work - Others

3.1 The client will provide personnel to operate the system locally during the start-up and testing.

4. Clarifications

4.1 This is a Time and Material estimate. We have estimated the cost of the project.

4.2 This is for a site visit is to commission the new servo motor and controls.
5. **Schedule**

5.1 We anticipate that this project will take 3-5 days after receipt of the order.

6. **Cost**

6.1 This a time and material proposal. We have provided the following estimates. This price excludes sales tax which will be added to our invoice if applicable.

<table>
<thead>
<tr>
<th>Description</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>On site startup assistance</td>
<td>$5,600.00</td>
</tr>
</tbody>
</table>

6.2 All work will be available on a time and material basis at the following rates:

- **Senior Control Systems Engineer**: $140.00
- **CAD Designer/Programmer**: $85.00

6.3 This estimate includes travel expenses, air travel, hotel, car rental and food. These costs will be charged at our cost + 15%. Travel time will be billed at our rates above.

6.4 Travel is from Moraga, California or actual (which ever is less).

7. **Payment Schedule**

7.1 Invoices will be sent biweekly.

7.2 Terms are Net 30 days.

7.3 Late Payments will be subject to a charge of 1% per month on the overdue balance. Charges will commence 60 days after the invoice date.