Project #: K-10-603
Cost share #:
Center #: 23/24-6-R8074-0A0
Center shr #:
Contract#: AGR DTD 3/4/94
Prime #:
Subprojects ? : N
Main project #:

Project unit: CRT/REHAB
Project director(s): ELDER N

Sponsor/division names: COBB COUNTY
Sponsor/division codes: 300

Award period: 940304 to 940603 (performance) 940630 (reports)

Sponsor amount
Contract value 0.00
Funded 0.00
Cost sharing amount 0.00

Sponsor amount
New this change 0.00
Total to date 2,824.00

Title: BELOW ELBOW PROSTHESIS FOR RICKY HARGETT

PROJECT ADMINISTRATION DATA

OCA contact: Brian J. Lindberg 894-4820
Sponsor technical contact
JUDY SKEEL (404)528-2500
Sponsor issuing office
JUDY SKEEL (404)528-2500

COBB COUNTY SOLID WASTE DEPARTMENT
1897 COUNTY FARM ROAD
MARIETTA, GA 30060

Security class (U,C,S,TS): U
ONR resident rep. is ACO (Y/N): N
Defense priority rating : N/A
N/A supplemental sheet
Equipment title vests with: Sponsor GIT
NONE PROPOSED OR ANTICIPATED.
Administrative comments -
ADMINISTRATIVE CORRECTION - CENTER NUMBER HAS BEEN CORRECTED (SHOULD BE 23/24-6-R8074-0A0).
NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 11/02/94

Project No. K-10-603  

Center No. 23/24-6-R8074-0A0

Project Director ELDER N  

School/Lab CRT/REHAB

Sponsor COBB COUNTY/MARIETTA, GA

Contract/Grant No. AGR DTD 3/4/94  

Contract Entity GTRC

Prime Contract No. 

Title BELOW ELBOW PROSTHESIS FOR RICKY HARGETT

Effective Completion Date 940603 (Performance) 940630 (Reports)

Closeout Actions Required: 

<table>
<thead>
<tr>
<th>Action</th>
<th>Y/N</th>
<th>Date Submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Invoice or Copy of Final Invoice</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>Final Report of Inventions and/or Subcontracts</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Government Property Inventory &amp; Related Certificate</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Classified Material Certificate</td>
<td>N</td>
<td></td>
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<tr>
<td>Release and Assignment</td>
<td>N</td>
<td></td>
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<tr>
<td>Other</td>
<td>N</td>
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Comments

Subproject Under Main Project No.

Continues Project No.

Distribution Required:

Project Director Y  
Administrative Network Representative Y  
GTRI Accounting/Grants and Contracts Y  
Procurement/Supply Services Y  
Research Property Management Y  
Research Security Services N  
Reports Coordinator (OCA) Y  
GTRC Y  
Project File Y  
Other N
BELOW ELBOW PROSTHESIS FOR RICKY HARGETT

DESCRIPTION

Ricky Hargett has been seen by the Center for Rehabilitation Technology for the construction of a custom Prosthetic device. He is a right below elbow amputee who works for the Cobb County Waste Department. The goal of this project was to begin Ricky's progress towards driving the tractor trailer trucks belonging to the waste department.

CRT's solution is a custom prosthesis that Ricky can don independently. The main section fits snugly over his forearm and is strapped proximally to an arm cuff that checks any distal migration. Attached to the main section is an interchangeable cup that snaps over the gear shift of the truck. The cup has an adjustment pin that allows for the different angles of the various gear shifts and a set of rotation slots that allow for different orientations of the gear shifts. The cup can be interchanged for the two different styles of trucks that are currently in use or a new cup could be added at a later date.
The prosthesis developed by CRT was delivered on 8/10/94. Subsequent follow-ups were performed on 8/23/94 and 9/8/94 until the final iteration of the prosthesis was delivered on 10/4/94. As Ricky has never driven a stick before and he is starting with an eighteen wheeler it is expected that there will be quite a bit of training time before he can drive proficiently. The Center for Rehabilitation Technology has instructed Ricky that over a period of time, through normal use, elements of the prosthesis will fail. Constant examination of the plastic parts and Velcro straps is necessary. Failure of an element of the prosthesis would not result in a dangerous situation above the inconvenience of being stranded. Ricky has been instructed that the possibility of being stranded exists every time he uses the prosthesis.

POTENTIALLY MARKETABLE DEVICES:

None

DELIVERABLES:

<table>
<thead>
<tr>
<th>Prosthesis</th>
<th>Delivered 10/4/94</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Report</td>
<td>Delivered 10/28/94</td>
</tr>
</tbody>
</table>

FOLLOW UP SCHEDULE:

Ricky and the Cobb County Waste Dept. have been instructed to remain in contact with CRT. Judy Skeel will coordinate any future meetings. It is expected that it may be 6 months, a year, or more before Ricky will be able to take a driver’s test and CRT will be available for consult at any time.

A photographic release form is on file at CRT. The below elbow prosthesis information will be disseminated where appropriate.