Examples of Strong Statements of Purpose

C. Statement of Purpose: 35 points

In this section, please provide the following:

1. A detailed description of the problem or need your team wants to solve – 10pts

Example 1

Audubon Society is a non-profit organization that has helped Rio Salado expand its habitat and has given life back to the environment and animals. Since the beginning their goals was to help the local ecosystem and to do this, they have tried to ensure the vitality and growth of this Rio Salado environment. As they have succeeded in their goals they realized that educating young minds was essential for the future of their work. Every year, hundreds of local school children take field trips to the Audubon Society to learn about their mission and the environment they live in. The children sit outside on benches that were first installed in 2009. The benches that the students come and sit on are bursting at the seams they can barely hold up the students. The Audubon society needs to have this seating upgraded, not only for safety, but also for numbers. The number of young visitors to the site has increased significantly in recent years and they don’t have adequate seating. These benches also need to be accessible to wheelchairs so that everyone is able to enjoy their time at Audubon. Right now there is no seating available for the handi-capable visitors.

Example 2

The main problem expressed by Franklin Police and Fire High School is that their training obstacle course was unsafe, falling apart, and inadequate for functional fitness training. The obstacle course is short in length, not up to Police Department or Fire Department Academy standards, not all the parts were installed correctly, and may cause potential injuries. In addition to the safety issues, the course is substandard in preparing them for the fitness test required to begin their bright futures as Police and Fire Cadets. Failing the fitness test is the number one factor preventing cadets from entering the Academies.

2. A detailed description of your proposed solution to the problem- 10pts

Example 1

Our solution is a six-week supplemental education plan which focuses specifically on improving math skills and numerical manipulation through hands-on activities. All projects will be based on one specific content area and be in line with Common Core State Standards. Our team will create a framework for this six-week program including detailed lesson plans and a per-student cost analysis. This program will be tested at one location, for 1 hour a week, six weeks in a row, before the framework is implemented at other locations in partnership with Future for Kids.

Example 2

Our solution is to create a more effective, organized storage area for the collection of Kits 4 Kids bags. This will be done by utilizing the limited space to build a wooden piece consisting of two separate compartments, an area to hang the completed bags, and a drawer below it to hold the incomplete ones. On the top section, there will be a component where the bags can hang, and when the racks fill up, the compartment can be pulled out and transported over to the back of the warehouse.
Regarding ideas to make transportation easier, there will also be wheels on the entire storage component for the people at the organization to push it to the back storage area instead of having to do it in multiple trips. There will be a clear hanging wall file designated for the papers that are filled out when people come to drop off these kits. More specifically, the paper itself will be formatted so that if there is anything the donor forgets to include, they could record it along with their name to make it easier for the organization to locate. Also, the overall project will not only be functional but eye catching, in order to have a “pictorial” place for those who volunteer or donate at Project Cure.

3. A description of how your proposed solution will impact your stakeholders – 10pts

Example 1

Our Community Partners described the students of the ASPIRE program as “trapped in their bodies” this means that they have cognitive function however their body can’t move to react or can only move minimally. When our community partners came to see us they showed us one of the toys that the kids in the ASPIRE program used and that toy was basic, plain and boring. With our interrupter they can have greater control on toys meaning that the kids will be able to use better more advanced toys that bring more entertainment.

Example 2

The stakeholders directly benefitting from this would be the Project Cure crew, as well as the community “Kits 4 Kids” donators, in which indirectly helps the families in the third world countries who receive these Kits 4 Kids. With a more organized maneuverable storage area for these Kits 4 Kids bags, the crew will have an easier time sorting and transporting these bags, when they are ready to be shipped out of the country. Additionally, the crew won’t struggle in reaching into the depth of the original bin, and instead have it more easily accessible to them, with the pull-out feature. To the “Kits 4 Kids” donator, not only will they feel pride in donating, but the donation bin is set up to be more appealing, and thus they can treasure the moment by taking a picture with the colorful design- in fact, Project Cure is a warehouse, with very little bright and inviting areas. We advocate for a bit of color, especially knowing that you are making someone else happy with this bag.

4. A description of how your proposed solution is different from existing solutions – 5 pts

Example 1

The difference between our Interrupter and a commercial’s comes in two factors. The first is the cost, a traditional interrupter costs upwards to 200$ however the manufacturing and build cost of ours is estimated to only cost around 20$. The second comes in the form of the rechargeable battery that is inside the interrupter. Traditional Interrupters do not have this functionality and replacing batteries becomes a hassle. With our version of the interrupter, it is easy to recharge the wireless battery to be used for a number of years.

Example 2

Our project will be unique from medical carts that exist in the market in that they will be designed and constructed in ways that will suit the Medical Assistants’ needs. Typical carts have one available function which is to roll and be able to hold papers, computers, etc on their surface. This is too linear and sometimes inconvenient because they lack space and are not very organized. Our carts will be designed
to suit the crowded spaces in the rooms and the height required to function with the users. Above all that, our carts will be unique due to the fact that they will have proper paper organizers, have spaces for fluid samples, patient information, and clipboards. To top it off, our carts will require the attachment and detachment of the vitals machine. There is no “buyable cart” out there that is able to hold these unique features.