Estimated costs associated with the proposed project are detailed below. Costs are budgeted in accordance with federal regulations and UA Board of Regents policies. Unless otherwise stated, all rates are current and include annual increases where appropriate for subsequent years.

**Salaries:** 348 hours (2.0 mos.) per year are requested for PI ___ (at $77.17/hour) to carry out the work on this project, which includes ___.

Salaries are listed at the current FY23 rate and include a leave reserve of 12.5% for faculty. Salaries include an annual inflation increase of 2.5% for faculty.

**Benefits:** Staff benefits are applied according to UAF’s FY21 provisional fringe benefit rates. Rates are 28.3% for faculty salaries. A copy of the rate agreement is available at [http://www.alaska.edu/cost-analysis/negotiation-agreements/](http://www.alaska.edu/cost-analysis/negotiation-agreements/).

**Travel:** One trip is requested each year for one individual to travel to Greenbelt, MD (placeholder, at $1,000/ticket for airfare) to attend ___. Lodging is $334/day for Greenbelt, M&IE is $/day, ground transportation is $/day.

One trip is requested each year for one individual to travel to Pasadena, CA (placeholder, at $800/ticket for airfare) to ___. $248/day for Pasadena.

Ground transportation is budgeted at $100/trip for all travel locations.

An inflation rate of 5% per year has been included for all transportation costs. All airfare cost data is based on Internet research. All per diem is in accordance with GSA/JTR Regulations.

**Commodities (Materials & Supplies):** Funds ($1,837) are requested for one Scientific data logger for ___. Funds ($1,000) are requested for project supplies such as ___, ___, ___, etc.

Funds ($4,000) are requested for 2 project specific laptops that are essential for completion of the proposed research. The computers will be used exclusively for the proposed research activities and not for general business or administrative purposes.

**Contractual Services and Other Direct Costs:** $1,200 is requested each year for 15 TB of data storage to hold data from this effort and to support the ___. $1,500 is requested in Year 3 for page charges/publication costs of the research findings. *(Please note that SUBAWARDS will not be allowed on this EPSCoR submission.)*

**Tuition:** Graduate student tuition is requested in accordance with University policy. The rate used for GRA tuition remission is the current resident tuition rate.
Indirect Costs:

UAF: Facilities and Administrative (F&A) Costs are negotiated with the Office of Naval Research. The rate for EPSCoR sponsored research at UAF is calculated at **50.5%** (FY19 rate agreement) of Modified Total Direct Costs (MTDC). MTDC includes Total Direct Costs minus tuition and associated fees, scholarships, participant support costs, rental/lease costs, subaward amounts over $25,000, and equipment. A copy of the rate agreement is available at: [http://www.alaska.edu/cost-analysis/negotiation-agreements/](http://www.alaska.edu/cost-analysis/negotiation-agreements/).

UAA: Facilities and Administrative (F&A) Costs are negotiated with the Office of Naval Research. The rate for EPSCoR sponsored research at UAA is calculated at **51.2%** (FY19 rate agreement) of Modified Total Direct Costs (MTDC). MTDC includes Total Direct Costs minus tuition and associated fees, scholarships, participant support costs, rental/lease costs, subaward amounts over $25,000, and equipment. A copy of the rate agreement is available at: [http://www.alaska.edu/cost-analysis/negotiation-agreements/](http://www.alaska.edu/cost-analysis/negotiation-agreements/).

UAS: Facilities and Administrative (F&A) Costs are negotiated with the Office of Naval Research. The rate for EPSCoR sponsored research at UAS is calculated at **59.0%** (FY19 rate agreement) of Modified Total Direct Costs (MTDC). MTDC includes Total Direct Costs minus tuition and associated fees, scholarships, participant support costs, rental/lease costs, subaward amounts over $25,000, and equipment. A copy of the rate agreement is available at: [http://www.alaska.edu/cost-analysis/negotiation-agreements/](http://www.alaska.edu/cost-analysis/negotiation-agreements/).