

|                                                                           |             |                |                |
|---------------------------------------------------------------------------|-------------|----------------|----------------|
| Preliminary study of underwater reef/Kelp Farm                            |             |                | Year 1         |
| A. Grilli PI                                                              |             |                |                |
| 5/15/25-5/14/27                                                           |             |                |                |
|                                                                           | Base Salary | Man Months/hrs | Year 1 Request |
|                                                                           |             |                | 9/1/25-8/31/26 |
| <b>PERSONNEL</b>                                                          |             |                | -              |
|                                                                           |             | 0.0000         | -              |
| Stephan Grilli,co PI (0.25 summer month@173 h) > 6/30/25 (Full III)       | 18,498      | 0.2000         | 3,700          |
| Annette Grilli, PI (1. academic month/173 h) > 6/30/25 (Full I, Research) | 14,821      | 2.0000         | 29,642         |
| Che-Wei Changi, co-PI (1 summer month@173 h) > 6/30/25 (Ass. Prof.)       | 11,307      | 1.0000         | 11,307         |
| GRA - Level 2 - Academic support (36 weeks at 20h/w) (LD)                 | 33.27       | 720.0000       | 23,954         |
| GRA - Level 2 - Summer support (14 weeks at 40h/w) (LD)                   | 33.27       | 560.0000       | 18,631         |
| <b>TOTAL PERSONNEL COSTS</b>                                              |             |                | 87,234         |
|                                                                           | -           |                | -              |
| <b>FRINGE</b>                                                             |             |                | -              |
|                                                                           |             |                | -              |
| Annette Grilli Fringe (22.36%)                                            |             |                | 6,628          |
| GRA - Level 2 - Summer FICA (7.65%)                                       |             |                | 1,425          |
| GRA (A/Y) - 15.99%                                                        |             |                | 3,830          |
| <b>TOTAL FRINGE BENEFITS</b>                                              |             |                | 11,883         |
| <b>TRAVEL</b>                                                             |             |                |                |
| Domestic (Stakeholder visits)                                             |             |                | 1,500          |
| Domestic (Attending local work meetings)                                  |             |                | 500            |
| <b>TOTAL TRAVEL</b>                                                       |             |                | 2,000          |
| <b>SUPPLIES</b>                                                           |             |                |                |
| Publication cost                                                          |             |                | -              |
| Computer Supplies                                                         |             |                | -              |
| <b>TOTAL SUPPLIES</b>                                                     |             |                | -              |
| <b>OTHER COSTS</b>                                                        |             |                |                |
| Sub 1 <25000 C. Thornber, UMass Boston (tenative; UMB needs to approve)   |             |                | 4,590          |
| GRA in-state tuition and fees (2 semester).                               |             |                | 14,726         |
| <b>TOTAL OTHER COSTS</b>                                                  |             |                | 19,316         |
| <b>TOTAL DIRECT COSTS</b>                                                 |             |                | 120,433        |
| <b>TOTAL MODIFIED DIRECT COSTS</b>                                        |             |                | 105,707        |
| <b>FACILITIES AND ADMINISTRATIVE COSTS 57.5% MTDC</b>                     |             |                | 60,782         |
| <b>TOTAL REQUESTED FROM AGENCY</b>                                        |             |                | 181,215        |

| Year 2            | Total            |
|-------------------|------------------|
| Year 1<br>Request | Total<br>Request |
| 9/1/26-8/31/27    |                  |
| -                 | -                |
| -                 | -                |
| 3,830             | 7,530            |
| 30,679            | 60,321           |
| 11,703            | 23,010           |
| 24,912            | 48,866           |
| 19,376            | 38,007           |
| -                 | -                |
| 90,500            | 177,734          |
| -                 | -                |
| -                 | -                |
| 6,860             | 13,488           |
| 1,482             | 2,907            |
| 3,983             | 7,813            |
| -                 | -                |
| 12,325            | 24,208           |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| 1,500             | 3,000            |
| 500               | 1,000            |
| -                 | -                |
| 2,000             | 4,000            |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| -                 | -                |
| 4,590             | 9,180            |
| 15,420            | 30,146           |
| 20,010            | 19,316           |
| -                 | -                |
| 124,835           | 245,268          |
| -                 | -                |
| 109,415           | 215,122          |
| -                 | -                |
| 62,914            | 123,696          |
| -                 | -                |
| 187,749           | 368,964          |