

Amendment Score Sheet

Proposed Project: Institute for Human and Machine Cognition (IHMC), Center for Human Healthspan Resilience and Performance (#233)

New Match Provided: \$23,531,507

New Triumph Funds Requested: \$7,898,237

New Triumph Funds Recommended by Staff: \$7,898,237

Score: A

ROI: \$12.8 dollars of increased personal income (in constant dollars) per dollar of Triumph expenditure

Amendment 2, Economic Analysis, Impact and Score

The Florida Institute for Human and Machine Cognition (IHMC) is requesting a second amendment to Project 233, the Center for Human Healthspan Resilience and Performance (the Center). The proposed additional funding of up to \$7,898,237 will allow IHMC to establish and operate a Sensitive Compartmented Information Facility (SCIF) in downtown Pensacola, and fund the acquisition of new equipment necessary to perform the research activities that are anticipated.

IHMC is requesting the following modification to its existing agreement:

- a) Extending the contract period of performance to December 31, 2036;
- b) Increase of \$3,418,237 to its existing Triumph request budget for Equipment;
- c) Addition of \$4,000,000 budget for building the SCIF;
- d) Increase of \$480,000 to its existing Triumph request budget for Personnel;
- e) Shift of \$732,622 from pre-award equipment match to post-award competitively awarded grant match; and

f) Increase total match requirement by \$23,531,507 from \$35,000,000 to \$58,531,507, consisting of i) \$732,622 (pre-award shift) ii) \$22,798,855 New Match

New federally funded research programs awarded, in part due to the Triumph funding, have provided additional opportunities requiring additional equipment resources. The fast-moving pace of technology is now driving the requirement for new equipment not previously contemplated that will provide IHMC additional capabilities allowing for further research grant opportunities, and associated funding, to flow into our region. The addition of a SCIF at the \$30 million HRP Center would enable IHMC to compete for and hold research meetings and briefings locally that currently take place in DC or other locations.

The timing of this request is supported by the currently onsite local architect team (DAG) which has the necessary security clearances for a SCIF design and the contractor Brasfield Gorrie with

the clearances and experience necessary to build out the SCIF. The addition of this space will allow IHMC to compete for additional research and also be of benefit to the local community as currently there is not available space in Pensacola capable of hosting a defense contractor secured meeting. This new funding associated with Phase III will lead to the creation of new high-wage jobs to conduct this cutting-edge research as well as required support roles.

The view of Triumph staff is that Project 233 has been and will continue to be transformational for the region. We previously calculated that the total project funding is expected to be \$12.8 dollars of increased personal income (in constant dollars) per dollar of Triumph expenditure. Because this modification maintains the same ratios of match to Triumph funding as before, the increase in personal income per Triumph dollar is expected to be unchanged. For these reasons, Triumph staff rate the project as an "A."

Appendix A: Budget

| Exhibit A IHMC Center for Human Healthspan, Resilience and Performance (the Center) Budget | | | | | | |
|--|-------------------------|------------------|-------------------|------------------|--------------------------------|--------------------|
| | Supplies & Equipment | Personnel | Facilities | Construction | External Match Expenditures | Total |
| Project Total | | | | | | |
| 2020 | - | 2,937,445 | - | - | - | 2,937,445 |
| 2021 | 657,910 | 494,984 | 7,560 | - | - | 1,160,454 |
| 2022 | 953,992 | 1,040,879 | 3,780 | - | 828,730 | 2,827,181 |
| 2023 | 5,401,848 | 2,933,486 | 20,000,000 | - | - | 28,335,334 |
| 2024 | 4,976,480 | 1,777,011 | 5,000,000 | 2,500,000 | - | 14,253,491 |
| 2025 | 418,237 | 160,000 | - | 1,500,000 | - | 2,078,237 |
| 2026 | - | 160,000 | - | - | 2,171,270 | 2,331,270 |
| 2027 | - | 160,000 | - | - | - | 160,000 |
| 2028 | - | - | - | - | - | - |
| 2029 | - | - | - | - | - | - |
| 2030 | - | - | - | - | - | - |
| 2031 | - | - | - | - | 15,000,000 | 15,000,000 |
| 2032 | - | - | - | - | - | - |
| 2033 | - | - | - | - | - | - |
| 2034 | - | - | - | - | 17,000,000 | 17,000,000 |
| 2035 | - | - | - | - | - | - |
| 2036 | - | - | - | - | 23,531,507 | 23,531,507 |
| Project Total | 12,408,467 | 9,663,605 | 25,011,340 | 4,000,000 | 58,531,507 | 109,614,919 |
| Triumph | | | | | | |
| 2020 | - | - | - | - | - | - |
| 2021 | 657,910 | 87,942 | - | - | - | 745,852 |
| 2022 | 953,992 | 358,832 | - | - | - | 1,312,824 |
| 2023 | 5,401,848 | 1,843,419 | - | - | - | 7,245,267 |
| 2024 | 4,976,480 | 687,696 | - | 2,500,000 | - | 8,164,176 |
| 2025 | 418,237 | 160,000 | - | 1,500,000 | - | 2,078,237 |
| 2026 | - | 160,000 | - | - | - | 160,000 |
| 2027 | - | 160,000 | - | - | - | 160,000 |
| 2028 | - | - | - | - | - | - |
| 2029 | - | - | - | - | - | - |
| 2030 | - | - | - | - | - | - |
| 2031 | - | - | - | - | - | - |
| 2032 | - | - | - | - | - | - |
| 2033 | - | - | - | - | - | - |
| 2034 | - | - | - | - | - | - |
| 2035 | - | - | - | - | - | - |
| 2036 | - | - | - | - | - | - |
| Triumph Total | 12,408,467 | 3,457,889 | - | 4,000,000 | - | 19,866,356 |
| Grantee | | | | | | |
| 2020 | - | 1,937,445 | - | - | - | 1,937,445 |
| 2021 | - | 407,042 | 7,560 | - | - | 414,602 |
| 2022 | - | 681,847 | 3,780 | - | - | 685,627 |
| 2023 | - | 1,090,067 | 20,000,000 | - | - | 21,090,067 |
| 2024 | - | 1,089,315 | 5,000,000 | - | - | 6,089,315 |
| 2025 | - | - | - | - | - | - |
| 2026 | - | - | - | - | - | - |
| 2027 | - | - | - | - | - | - |
| 2028 | - | - | - | - | - | - |
| 2029 | - | - | - | - | - | - |
| 2030 | - | - | - | - | - | - |
| 2031 | - | - | - | - | - | - |
| 2032 | - | - | - | - | - | - |
| 2033 | - | - | - | - | - | - |
| 2034 | - | - | - | - | - | - |
| 2035 | - | - | - | - | - | - |
| 2036 | - | - | - | - | - | - |
| Grantee Total | - | 5,205,716 | 25,011,340 | - | - | 30,217,056 |

| | | Supplies & Equipment | Personnel | Facilities | Construction | External Match Expenditures | Total |
|-----------------------------|------|----------------------|-----------|------------|--------------|-----------------------------|------------|
| Private Donor | | | | | | | |
| | 2020 | | 1,000,000 | | | | 1,000,000 |
| | 2021 | | | | | | |
| | 2022 | | | | | | |
| | 2023 | | | | | | |
| | 2024 | | | | | | |
| | 2025 | | | | | | |
| | 2026 | | | | | | |
| | 2027 | | | | | | |
| | 2028 | | | | | | |
| | 2029 | | | | | | |
| | 2030 | | | | | | |
| | 2031 | | | | | | |
| | 2032 | | | | | | |
| | 2033 | | | | | | |
| | 2034 | | | | | | |
| | 2035 | | | | | | |
| | 2036 | | | | | | |
| Match Source 1 Total | | | 1,000,000 | | | | 1,000,000 |
| External Match | | | | | | | |
| | 2020 | | | | | | |
| | 2021 | | | | | | |
| | 2022 | | | | | 828,730 | 828,730 |
| | 2023 | | | | | | |
| | 2024 | | | | | | |
| | 2025 | | | | | | |
| | 2026 | | | | | 2,171,270 | 2,171,270 |
| | 2027 | | | | | | |
| | 2028 | | | | | | |
| | 2029 | | | | | | |
| | 2030 | | | | | | |
| | 2031 | | | | | 15,000,000 | 15,000,000 |
| | 2032 | | | | | | |
| | 2033 | | | | | | |
| | 2034 | | | | | 17,000,000 | 17,000,000 |
| | 2035 | | | | | | |
| | 2036 | | | | | 23,531,507 | 23,531,507 |
| Match Source 2 Total | | | | | | 88,331,507 | 88,331,507 |