



28 February 2023

**Dr. Edgardo E. Tulin**

President

Visayas State University

Visca, Baybay City, Leyte

Through: **Ms. Louella C. Ampac**

Director, Finance Management Office

Dear **Dr. Tulin**:

Greetings!

The undersigned is respectfully requesting for the realignment of the approved budget for the project entitled "Spatial and Multi-temporal Assessment of Groundwater Quality for Domestic Use using the Integration of Geospatial and IoT-based Monitoring Systems" (project code VSU-IP-2022-7). The study leaders have identified additional equipment, supplies and materials to be used for the duration of the project. Simultaneously, our budget for personal services specifically the position of one (1) SRA and one (1) Laborer has not been utilized for the past six months and is enough to cover the needed additional expenses. Please find attached specific line item budget revisions for your reference.

Looking forward for your affirmative response. Thank you!

Sincerely yours,

**JANNET C. BENCURE**

Project Leader

Recommending Approval:

**LOUELLA C. ASPAC** *Am Pac*

Director, Finance Management Office

Approved by:

**EDGARDO E. TULIN**

President




**Project Title: Spatial and Multi-temporal Assessment of Groundwater Quality for Domestic Use using the Integration of Geospatial and IoT-based Monitoring Systems**

	Approved Budget	Revisions	Total Revised Budget
<b>Personnel Services</b>			
SRA	1,080,720	(135090)	945,630
Laborer	432,000	(54,000)	378,000
Geo-hydrologist (3) Honorarium	54,000		54,000
<b>Total PS</b>	<b>1,566,720</b>	<b>(189,090)</b>	<b>1,377,630</b>
<b>MOOE</b>			
Foreign Travel	300,000	-	300,000
Local Travel	300,000	-	300,000
Supplies and Materials	-	-	-
Cloud Storage		6,000	6,000
External Hard Drive		3,590	3,590
Smart Dissolve Oxygen meter	-	15,000	15,000
Oxidation Reduction Potential Meter	-	15,000	15,000
V200 Multi-Analyte Photometer	-	50,000	50,000
Nitrate Test Kit (Vacuvials)	-	30,000	30,000
3D Printer Filaments (PLA)	-	2,500	2,500
3D Printer Filaments (ABS)	-	2,500	2,500
Soldering Kit	-	1,000	1,000
Raspberry Pi	-	20,000	20,000
Ultrasonic Sensor	-	6,500	6,500
Breadboard	-	1,500	1,500
Triad Spectroscopy Sensor	-	15,000	15,000
Assorted Dupont and Jumper Wire Cables	-	3,000	3,000
Temperature Sensor	-	2,500	2,500
Wifi Module		2,500	2,500
SMS Module		2,500	2,500
Hydroponic Waterproof pH/EC/TDS/Temperature Portable Meter	-	18,000	18,000
TDS Sensor	2,000	-	2,000
TSS Sensor	2,000	-	2,000
Conductivity Sensor	2,000	-	2,000
Ph sensor/meter	2,000	-	2,000
Salinity meter	2,000	-	2,000
Temperature	2,000	-	2,000
Electrical Conductivity	2,000	-	2,000
Nitrates	2,000	-	2,000
Water Level	2,000	-	2,000
LCD Digital Display	1,000	-	1,000
LED	500	-	500
Power Source/Solar	10,000	-	10,000
Calibration Solutions	3,000	-	3,000
Depth Sensor	3,000	-	3,000
Water Laboratory Analysis	50,000	30,000	80,000
Handheld GPS	50,000	(20000)	30,000
Office Supplies & Comm.	20,000	-	20,000



Accommodation	230,000	-	230,000
Publication	100,000	-	100,000
<b>TOTAL</b>			<b>2,670,220</b>

Noted by:

  
**JANNET C. BENCURE**  
 Project Leader