N/A

#### CHANGE ORDER HILLSBOROUGH COUNTY AVIATION AUTHORITY

PROJECT: Artist Services Contract CHANGE ORDER No: 1

INITIATION DATE: August 14, 2024

OWNER: Hillsborough County Aviation Authority HCAA PROJECT No: 8230 18
P.O. Box 22287

Tampa, Florida 33622-2287 FDOT FM No: N/A

**FAA AIP No:** 

CONTRACT DATE: March 5, 2020

**TO (Artist):** Jason Bruges Studio LTD.

1 Netil Lane

London, England E8 3RL

You are directed to make the following changes in this Contract dated March 5, 2020 by and between yourself and the Hillsborough County Aviation Authority, in accordance with its conditions. The Work under this Contract shall be changed and the Contract Sum and/or Contract Time adjusted to reflect all additions and/or deletions described and indicated by modifications to the Contract Documents, including any and all drawings and attachments thereto, all of which form a part of this Change Order. The Contract Documents shall apply to this Change Order. All terms and conditions of the Contract remain unchanged, except as they may be expressly modified by the terms of this Change Order. This Change Order addresses all adjustments to the Contract Sum and Contract Time for which the Artist may be entitled with respect to the subject change work, including all labor, materials, equipment, services, overhead and profit necessary to accomplish the change work, which change work includes all items that are expressly identified in this Change Order, as well as all items that are reasonably inferable as being necessary or appropriate for the satisfactory completion of the subject change work by the Artist. The total cost adjustment to the Contract Sum reflected in this Change Order, if any, includes all direct, indirect and impact costs resulting from the subject change, including, but not limited to, extended or unabsorbed home office overhead costs, extended general conditions and field overhead, extra equipment (whether operating or idle), costs relating to labor and equipment inefficiency, taxes, insurance costs, bonds, profit, interest and all other fees and costs for which the Artist may have entitlement to under the Contract or otherwise, arising out of or relating to the change work that is the subject of this Change Order. In addition, this Change Order encompasses all time adjustments to the Contract Time, if any, relating to any delay, disruption, acceleration, interference, escalation, or other time related impacts for which the Artist may be entitled under the Contract or otherwise, arising out of or relating to the change work that is the subject of this Change Order. In addition, this Change Order constitutes a full accord and satisfaction for all of the Artist's outstanding extra work items, claims, overtime charges, changes to and/or interpretations of the Contract Documents with respect to the Contract. It is agreed and understood that the Artist, by executing this Change Order, hereby waives all claims, through the date of this Change Order, with respect to the Work or the Project. This Change Order in no way relieves the Artist from providing all outstanding obligations to the Owner under the Contract, including, but not limited to, close-out obligations, punch list items, warranty and correction of defective and non-conforming work.

**Description:** 

The not-to-exceed amount of the Artist Services Contract will be increased to \$613,545. With the execution of this Change Order, the Aviation Authority will issue payment of \$163,815 to settle the request for additional funds. By executing this change order, the Artist commits to installing the artwork by May 31, 2025.

Attachments: Letter from Artist requesting additional funds and detailed documentation to support the request.

Not valid until signed by the Owner. Signature by the Artist indicates final agreement herewith, including all adjustments in the Contract Sum and/or the Contract Time.

The original Contract Sum was		\$	449,730.00
Net change by previously authorized Change Order		\$ <u></u>	0.00
The Contract Sum prior to this Change Order was		\$	449,730.00
The Amount of this Change Order is		\$	163,815.00
The new Contract Sum including this Change Order wil	ll be	\$	613,545.00
The Contract Time will be Increased $\boxtimes$ , Decreased $\Box$	], Unchanged 🔲, May 31, 2025		
The Date of Substantial Completion as a result of this G	Change Order is therefore unchanged.		
The original D/W/MBE expectancy is 0.0%. The D/W/N	MBE expectancy as a result of this change	order will be	0.0%.
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Issued and Approved by:	Agreed To:		
N/A	Jason Bruges Studio LTD.		
Architect / Engineer	Artist		
	1 Netil Lane		
	London, England E8 3RL		
Address	Address		
By: Date	Ву:		Date
Reviewed:	Authorized:		
Hillsborough County Aviation Authority	Hillsborough County Aviation	Δuthority	
Owner	Owner	Hatriority	
OWIE	Owner		
By: Jeff Siddle, P.E. Date	By: Arthur F. Diehl III		Date
VP of Planning and Development	Chairman		



Jason Bruges Studio Netil House 1 Netil Lane London E8 3RL

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Christopher D. Minner
Executive Vice President
Tampa International Airport
Hillsborough County Aviation Authority
Post Office Box 22287,
Tampa, Florida 33622

13th August 2024

Dear Chris,

RE: Our request to increase the contract value for our proposed Cloud Ascent artwork located in the Red Curbside East expansion of Tampa International Airport.

Further to the several meetings we have had to discuss this item in granular detail and the online meeting we have had today with the TIA planning, development and procurement teams to discuss the provided materials, proprietary invoices and sources that further support our request, we are providing the attached notes for your records to justify our request to increase the contract value for our Cloud Ascent piece by \$163,815 USD to a new contract maximum of \$613,545 USD

We are grateful for your consideration of this matter and look forward to your response.

Yours sincerely,

**Richard Roberts** 

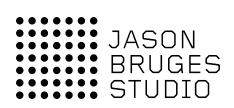
Managing and Design Director Jason Bruges Studio Ltd.





# BUDGET ANALYSIS OVERVIEW - 2020 | 2024

Breakdown of Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
JBS Fees						
Stage 2 - Scheme Design	£ 34,635.00	\$ 45,267.00	£ 34,635.00	\$ 45,267.00	The state of the s	Paid (JBS 2020 rates)
Stage 3 - Technical Design	£ 42,760.00	\$ 55,887.32	£ 42,760.00	\$ 55,887.32	The state of the s	Paid (JBS 2020 rates)
Stage 4 - Production Management	£ 10,650.00	\$ 13,919.55	£ 14,100.00	\$ 17,963.40		JBS 2024 rates
Stage 5 - Installation Management	£ 7,100.00		£ 9,400.00		29	JBS 2024 rates
Total	£ 95,145.00	\$ 124,353.57	£ 100,895.00	\$131,093.32	5	
Production Costs						
LCD Unit (Tooling, LCDs, LCD frame, frame clips, PCBs)	£ 42,000.00	\$ 54,894.00	£ 70,585.00	\$ 89,925.29	64	External supplier, material and tech costs across the board have increased and these are costs that JBS are unable to absorb
Curtain structure (steel cabling, tensioning sytem and bracketry)	£ 9,500.00	\$ 12,416.50	£ 11,238.00	\$ 14,317.21	15	External supplier and material costs across the board have increased and these are costs that JBS are unable to absorb
Power / Data Distribution (Splitter board, Cabling, Junction terminals, ecowire for nodes)	£ 6,000.00	\$ 7,842.00	£ 14,862.00	\$ 18,934.19	141	Costs of tech and hardware across the board have increased and these are costs that JBS are unable to absorb
Control hardware (Computer, Server rack, PSU, USB serial device etc)	£ 1,000.00	\$ 1,307.00	£ 1,455.75	\$ 1,854.63	42	Costs of tech and hardware across the board have increased and these are costs that JBS are unable to absorb
LEDs & and all related components (LEDs, LED spares, profile, diffuser, LED drivers)	£ 22,000.00	\$ 28,754.00	£ 34,003.00	\$ 43,319.82	51	Costs of materials, tech and hardware across the board have increased and these are costs that JBS are unable to absorb
Offsite assembly (PCBs & LCDs into frame & testing)	£ 21,249.00	\$ 27,772.44	£ 29,002.00	\$ 36,948.55	33	External contractor costs across the board have increased and these are costs that JBS are unable to absorb
Programming & Production Services (JBS)	£ 27,560.00		£ 36,700.00			JBS 2024 rates.
Total	£ 129,309.00	\$ 169,006.86	£ 197,845.75	\$252,055.49	49	
Installation and Commissioning Breakdown						
installation and commissioning bleakdown						
Supply and install of Barrisol	£ 14,000.00	\$ 18,298.00	£ 16,108.00	\$ 20,521.59	12	External material and contractor costs in relation to the supply and installation of the Barrisol have increased and is a cost JBS cannot absorb.
Packing / Shipping + Installation of artwork	£ 56,000.00		£ 99,400.00	\$126,635.60		2024 - Packing and shipping estimate based on recent similar scale projects in USA.  External labour costs for installation contractors have increased across the board and these are costs that JBS are unable to absorb. Please note cost is subject to:  -Receiving as-builts -JBS' elected install contractor carrying out a site survey - Use of the airport's access equipment (genie) necessary to install the piece Any information requested by JBS / our artwork installation contractor being provided in a timely manner - Receiving a confirmed programme and date for installation (cost currently based on this being a Spring 2025 install) Travel and accommodation costs are TBC, until installation dates are confirmed Installation cost excludes any preliminary work by other contractors being in place prior to installation (steel frame is in place and JBS electrical requirements are met).
Installation & Commissioning Services (JBS)	£ 12,700.00	\$ 16,598.90	£ 17,000.00			JBS 2024 rates
Total	£ 82,700.00	\$ 108,088.90	£ 132,508.00	\$168,815.19	56	
Other Items						
			_			Re-estimate based on current cost of travel, accomodation, per-diems for
Transport / Accommodation	£ 23,940.00	\$ 31,289.58	£ 35,000.00	\$ 44,590.00	43	JBS team of 4 for a two week install. (1 trip only allowed for).
External Consultants (Structural Engineer)	£ 7,000.00	\$ 9,149.00	£ 7,000.00	\$ 9,149.00	N/A	Paid. External consultancy fees to date are double this figure. This is a cost JBS are willing waive, as the majority of work in relation to this cost has now been carried out.
Prototype	£ 6,000.00		£ 6,000.00	\$ 7,842.00	N/A	Paid. JBS prototyping costs exceed what has been costed. However the prototyping process and each prototype iteration have been integral to the technical design and forthcoming production process.
Total	£ 36,940.00	\$ 48,280.58	£48,000.00	\$ 61,581.00	28	
PROJECT TOTAL	£ 344,094.00	\$ 449,729.91	£ 479,248.75	\$613,545.00	36	



# JBS FEES - 2020 | 2024

JBS Fees	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	
Stage 2 - Scheme Design	£ 34,635.00	\$ 45,267.00	£ 34,635.00	\$ 45,267.00	N/A	Paid (JBS 2020 rates)
Stage 3 - Technical Design	£ 42,760.00	\$ 55,887.32	£ 42,760.00	\$ 55,887.32	N/A	Paid (JBS 2020 rates)
Stage 4 - Production Management	£ 10,650.00	\$ 13,919.55	£ 14,100.00	\$ 17,963.40	29	JBS 2024 rates
Stage 5 - Installation Management	£ 7,100.00	\$ 9,279.70	£ 9,400.00	\$ 11,975.60	29	JBS 2024 rates
Total	£ 95,145.00	\$ 124,353.57	£ 100,895.00	\$131,093.32	5	

Production Costs		
Programming & Production Services (JBS)	£ 27,560.00 \$ 36,020.92 £ 36,700.00 \$ 46,755.80	30 JBS 2024 rates.
Installation & Commissioning Breakgown		
Installation & Commissioning Services (JBS)	£ 12,700.00 \$ 16,598.90 £ 17,000.00 \$ 21,658.00	30 JBS 2024 rates

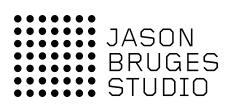
### JBS 2019-2020 Rate Card

Title	Rate - October 2019
Founder	£1,310
Director / Head	£1,035
Senior Designer	£810
Designer	£635
Computational Designer	£710
Design Engineer	£810
Production Manager	£710
Production Designer	£635
Senior Creative Technologist	£810
Creative Technologist	£635
Junior Designer / Intern	£360

30% Increase

### JBS 2024 Rate Card

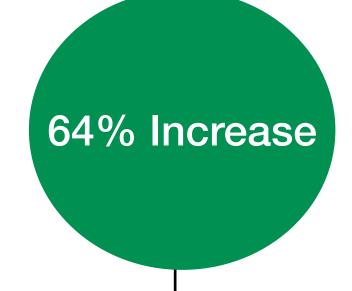
Title	Rate - AUG 2023
Founder	£1,700
Director / Head	£1,350
Senior Designer	£1,075
Designer	£850
Computational Designer	£940
Design Engineer	£1,075
Production Manager	£940
Production Designer	£850
Senior Creative Technologist	£1,075
Creative Technologist	£850
Junior Designer / Intern	£490



*Production Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
LCD Unit (Tooling, LCDs, LCD frame, frame clips, PCBs)	£ 42,000.00	\$ 54,894.00	£ 70,585.00	\$ 89,925.29	64	External supplier, material and tech costs across the board have increased and these are costs that JBS are unable to absorb

\* Includes JBS soft costs

2020



2024

Breakdown of Items 2020	EUR 2020	GBF	2020	USE	2020
LCDS x3800no - 50mm x 50mm \$4.80/LCD	N/A	£	18,240.00	\$	23,839.68
Tooling		£	4,000.00	\$	5,228.00
Profile / frame x1200 + die cost £900 + £4.80/profile	N/A	£	6,660.00	\$	8,704.62
Totals	N/A	£	28,900.00	\$	37,772.30

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

Breakdown of Items 2024	EUR 2024	GBF	2024	USE	2024
LCDs x1800 no - 150mm x 150mm \$22/LCD + tooling	N/A	£	34,003.95	\$	43,500.00
Profile / frame	€ 12,796.00	£	10,894.51	\$	13,879.61
Totals	N/A	£	44,898.46	\$	57,379.61

* Production Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
Curtain structure (steel cabling, tensioning sytem and bracketry)	£ 9,500.00	\$ 12,416.50	£ 11,238.00	\$ 14,317.21	15	External supplier and material costs across the board have increased and these are costs that JBS are unable to absorb

\* Includes JBS soft costs

2020

15% Increase

2024

* Breakdown of Items 2020	GBP 2020	USD 2020
Suspension system - DCL - ref quote + 30% larger with more detail	£ 4,856.97	\$ 6,325.00
Totals	£ 6,314.06	\$ 8,222.50

\* Breakdown of 2020 & 2024 exclude JBS soft costs

Breakdown of Items 2024	GBP 2024	USD 2024
Steel cables	£ 606.80	\$ 773.06
Tensioners	£ 1,132.17	\$ 1,442.38
V-groove pulley	£ 850.34	\$ 1,083.33
Custom Acetal Pulley Block Mounts (JBS bespoke item. No ref)	£3,500.00	\$ 4,459.00
Flanged nylon washers	£ 70.00	\$ 89.18
Custom Acetal Isolation blocks (JBS bespoke item. No ref)	£ 580.00	\$ 738.92
Eyelets and fasteners	£ 735.50	\$ 937.03
Totals	£ 7,474.81	\$ 9,522.91



* Production Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
Power / Data Distribution (Splitter board, Cabling, Junction	£ 6,000.00	\$ 7,842.00	£ 14,862.00	\$ 18,934.19	141	Costs of tech and hardware across the board have increased and these are
terminals, ecowire for nodes)	1 0,000.00	ÿ 7,012.00	1 14,002.00	ŷ 10,554.15	141	costs that JBS are unable to absorb

\* Includes JBS soft costs

2020

141% Increase

2024

*	Breakdown of Items 2020	GBI	2020	USD 2020		
	Splitter boards - design & hardware	£	3,590.00	\$	4,692.13	
	JBS allowance for all other associated power / data	£	1,023.65	\$	1,337.91	
	hardware					
	Totals	£	4,613.65	\$	6,030.04	

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

Breakdown of Items 2024	GB	P 2024	USE	2024
Electronics cabinet - design & manufacture	£	9,290.00	\$	11,835.46
Splitter boards - design & hardware	£	1,500.00	\$	1,911.00
Other power / data distribution hardware components	£	462.58	\$	589.33
Totals	£	11,252.58	\$	14,335.79

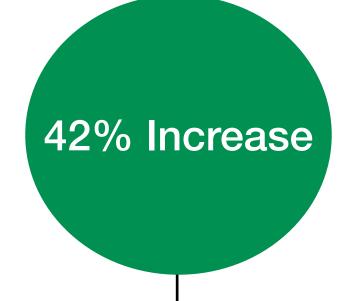
\* Breakdown of 2020 & 2024 exclude JBS soft costs

Please refer to pages 11, 12 & 13 for supporting documentation in relation to the above breakdown of costs.

* Production Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
Control hardware (Computer, Server rack, PSU, USB serial device etc)	£ 1,000.00	\$ 1,307.00	£ 1,455.75	\$ 1,854.63	42	Costs of tech and hardware across the board have increased and these are costs that JBS are unable to absorb

\* Includes JBS soft costs

2020



*	Breakdown of Items 2020	GBP	2020	USD 2020		
	Control hardware set up - Scan Invoice ref	£	738.00	\$	964.57	
	Totals	£	738.00	\$	964.57	

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

Breakdown of Items 2024	GB	P 2024	US	D 2024
Computer	£	589.99	\$	751.65
Server rack	£	303.55	\$	386.72
Power supply	£	66.84	\$	85.15
USB Serial Device	£	131.71	\$	167.80
Totals	£	1,092.09	\$	1,391.32

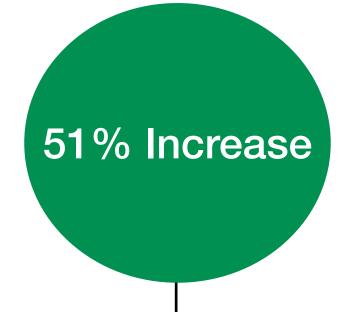
<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs



* Production Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
LEDs & and all related components (LEDs, LED spares, profile, diffuser, LED drivers)	£ 22,000.00	\$ 28,754.00	£ 34,003.00	\$ 43,319.82	51	Costs of materials, tech and hardware across the board have increased and these are costs that JBS are unable to absorb

\* Includes JBS soft costs

2020



* Breakdown of Items 2020	GBP 2020	USD 2020
TIA x3 larger in scale than the project fo	r	
New Star ref quote.	£ 10,207.69	\$ 13,293.00
JBS allowance for all other hardware		
componentry (drivers, diffuser)	£ 4,512.18	\$ 5,876.00
Totals	£ 14,719.88	\$ 19,169.00

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

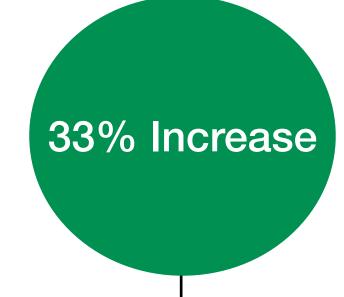
Breakdown of Items 2024	GBP 2024	USD 2024
LEDs & Components / profile + back-ups	£ 13,176.00	\$ 16,786.22
LED drivers + back-ups	£ 11,723.00	\$ 14,935.10
Totals	£ 24,899.00	\$ 31,721.33

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

* Production Costs	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
Offsite assembly (PCBs & LCDs into frame & testing)	£ 21,249.00	\$ 27,772.44	£ 29,002.00	\$ 36,948.55	33	External contractor costs across the board have increased and these are costs that JBS are unable to absorb

\* Includes JBS soft costs

2020



Breakdown of Items 2020	GBP 2	2020	USD 2020		
Offsite assembly ref quote from Image Technique	£	15,011.00	\$	19,619.38	
Totals	£	15,011.00	\$	19,619.38	

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

Breakdown of Items 2024	GBP 2024		USD 2024		
PCBs (600-700no)	£	2,000.00	\$	2,548.00	
Offsite assembly	£	16,039.00	\$	20,433.69	
Totals	£	18,039.00	\$	22,981.69	

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

*	Installation and Commissioning Breakdown	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
	Supply and install of Barrisol	£ 14,000.00	\$ 18,298.00	£ 16,108.00	\$ 20,521.59	121	External material and contractor costs in relation to the supply and installation of the Barrisol have increased and is a cost JBS cannot absorb.

\* Includes JBS soft costs

2020

12% Increase

Breakdown of Items 2020	GBP 2020	USD 2020		
Image Tech supply & install ref cost	£ 10,340.00	\$ 13,514.38		
Totals	£ 10,340.00	\$ 13,514.38		

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

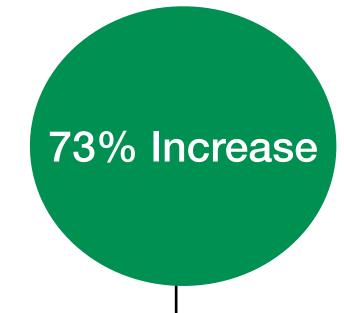
Breakdown of Items 2024	GBP 2024	USD 2024	
Contexture Supply & install cost	£ 11,340.12	\$	14,507.00
Totals	£ 11,340.12	\$	14,507.00

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

* Installation and Commissioning Breakdown	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
Packing / Shipping + Installation of artwork	£ 56,000.00	\$ 73,192.00	£ 99,400.00	\$126,635.60	/31	Please refer to JBS Notes on this in the full Budget Analysis Overview on page 3 of this document.

\* Includes JBS soft costs

2020



2024

Breakdown of Items 2020	GBP 2020	USD 2020		
Install reference cost based on x2 weeks	£ 28,459.91	\$ 37,062.00		
Packing - Benchmark ref cost (scaled up - TIA 2x larger)	£ 2,070.00	\$ 2,705.49		
Shipping ref costs (scaled up - TIA-2x larger than this shipment)	£ 8,368.88	\$ 10,938.13		
Totals	£ 38,898.79	\$ 50,705.62		

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

Breakdown of Items 2024	GBP 2024	USD 2024		
Juno Install Cost	£ 67,517.77	\$ 86,373.00		
Packing Benchmark ref cost scaled up (TIA-3x larger)	£ 2,184.00	\$ 2,782.42		
Shipping Santova ref cost UK to USA (scaled up - TIA-3x larger than this shipment for BCH)	£ 17,114.52	\$ 21,803.90		
Totals	£ 86,816.29	\$ 110,959.31		

* Other Items	GBP 2020	USD 2020	GBP 2024	USD 2024	USD % Increase	JBS Notes
Transport / Accommodation	£ 23,940.00	\$ 31,289.58	£ 35,000.00	\$ 44,590.00	431	Re-estimate based on current cost of travel, accomodation, per-diems for JBS team of 4 for a two week install. (1 trip only allowed for).

\* Includes JBS soft costs

2020

43% Increase

2024

* Breakdown of Items 2020	GBP 2020	USD 2020		
Project expenditure report - flights / accommodation ref	£	16,424.45	\$ 21,466.76	
Totals	£	16,424.45	\$ 21,466.76	

<sup>\*</sup> Breakdown of 2020 & 2024 exclude JBS soft costs

* Breakdown of Items 2024	GBP 2024		US	D 2024
Flights x4 (return)	£	17,682.76	\$	22,527.84
Accommodation (2 weeks, x4 people)	£	2,890.73	\$	3,698.00
Per Diems (2 weeks, x4 people)	£	4,311.86	\$	5,516.00
Totals	£	24,885.34	\$	31,741.84

