

## BIDDING BOOK

### 5<sup>th</sup> FAI Pan-American Paragliding Championship

Pico da Ibituruna – Governador Valadares – BRAZIL

21st – 29th, January 2022



Organiser:



And support of:



## PROPOSAL HIGHLIGHTS

A series of arguments combine to make Valadares the ideal location to host a Free Flight competition :

- Very favorable meteorology with more than **80% of flyable days**;
- The high number of competitions held, from International events like FAI WorldHang Gliding (1994) e Paragliding (2005), and the PWC Super Finals (2013 and 2016), also the countless tasks of Brazilian Championship from both modalities comes together in one **historical knowledge of “How to make” free flight great events**
- Permanent airspace available (NOTAM), SBR 350 IBITURUNA, **region with no airspace restrictions**;
- **The Ibituruna’s take off, for almost every wind quadrant**, situated 860m above a landscape of low, and gently rolling hills, and a plain that stretches along the Doce River, 16km from the city center, via fully paved, accessible to all types of vehicles;
- **Good road network** that allows you to choose a variety of safe and challenging races and a easy rescue for everyone;
- **Easy access to the city**: commercial plane from Belo Horizonte, bus, train or own car;
- **Hotels and restaurants for all budgets**, ranging from luxury to very inexpensive;
- Firefighter Rescue Team, SAMU UTI Ambulance always present, **a great safety record with a numerous events without any major incidents**;
- Recent Reinforcement **of the Air Rescue Service (Helicopter)** now based at Valadares Airport, reducing response time to an emergency;
- **Proponent organization team combining the expertise** of those who know how to do it **with the financial technical capacity** to put forward what is proposed;

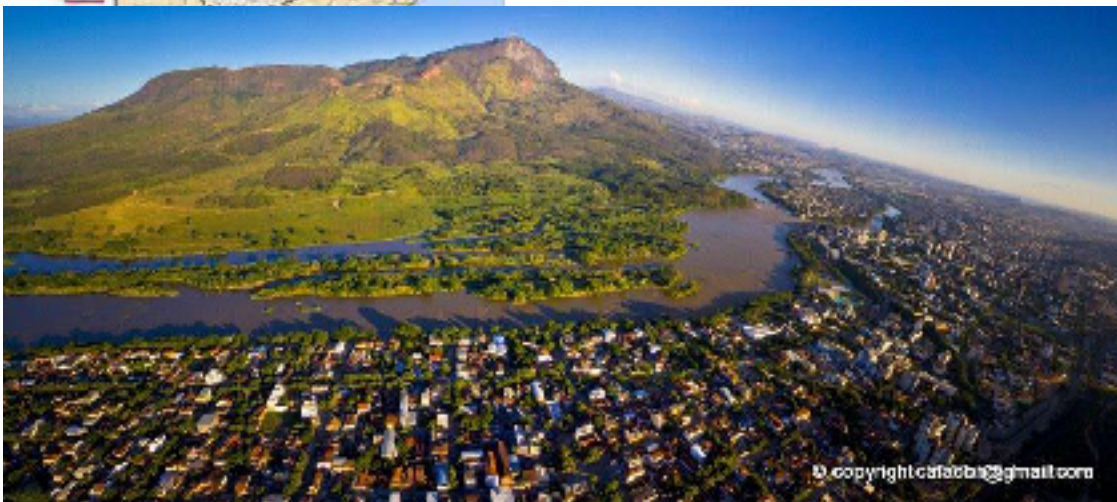
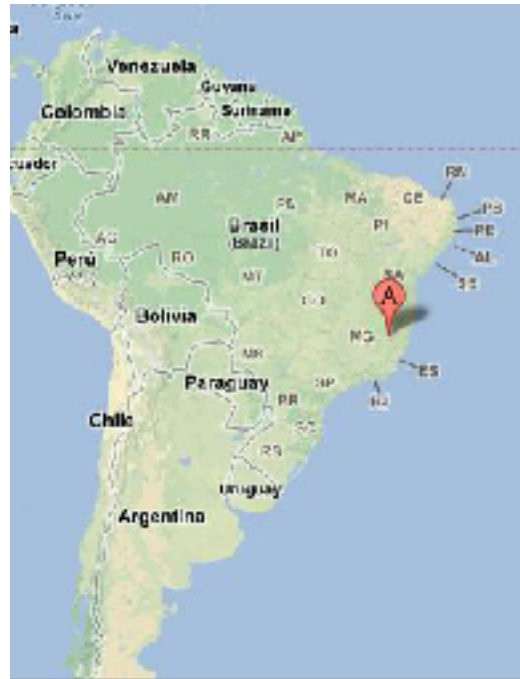
## Annex A to CIVL First Category 1 Event: Bid Information

1. Name of the Championship: 5th FAI Pan-American Paragliding Championships

2. Location: Pico da Ibituruna – Governador Valadares – BRAZIL

Distance from some major cities:

- Belo Horizonte – 340km
- Rio De Janeiro – 590km
- São Paulo – 920km



City of Valadares, Rio Doce and Pico da Ibituruna in the background

3. Proposed date: 21<sup>th</sup> – 29<sup>th</sup>, January 2022

#### 4. Organization:

##### Local Organizer:



Governador Valadares City Hall

Mayor **ANDRÉ LUIZ COELHO MERLO**

[gabinete.agenda@valadares.mg.gov.br](mailto:gabinete.agenda@valadares.mg.gov.br)

Tel: +55 33 3279-7418



Municipality Secretary of Culture, Sports, Leisure and Youth -  
SMCEL

Secretary **CARLOS ANDRE COELHO TEIXEIRA**

[smcel.esporte@valadares.mg.gov.br](mailto:smcel.esporte@valadares.mg.gov.br)

Tel: +55 33 3271-3882



Free Flight Association Ibituruna – **Co-Director**

President GILBERTO ROCHA DE ALMEIDA

[www.avli.com.br](http://www.avli.com.br)

Tel: +55 33 9989-8133



EDERSON DUTRA (Godó)–**Technical Coordinator**

[godogv@yahoo.com.br](mailto:godogv@yahoo.com.br)

Tel: +55 33 99958-1084

**Support:** Brazilian Commission of Airports – CAB, and  
Brazilian Free Flight Confederation - CBVL

## 5. Organizers, Directors and key officials:

The team mostly has extensive experience working in major competitions in Governador Valadares:

General Organizer: **Gov. Valadares City Hall – André Merlo (Mayor)**

General Coordinator: **Municipal Secretary of Sport – Carlos André**

Technical Coordinator: **Ederson Dutra**

Meet Director: **Marcelo Rattis**

Safety Director and Live Tracking: **Dioclecio Rosendo (Dió)**

Chief Launch Marshal: **Steve Barton**

Chief Goal Marshal: **Bruno Prata**

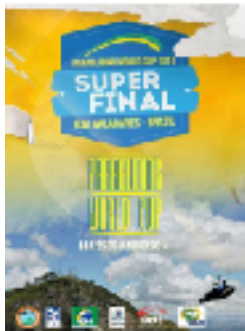
Meteorologist: **Lucas Machado**

Scorer: **Zenilson Rocha**

HQ/Admin manager: **Carlos Lage**

Major Events Held:

- Super Final PWC 2013
- 1st Stage Brazilian Paragliding Championship 2014
- Super Final PWC 2016
- Brazil Open - Nationals 2019



## 6. Proposed Schedule

Free Training Day	Friday 21 <sup>th</sup> January
Official training day	Saturday 22 <sup>th</sup> January
Registration and Mandatory Safety Briefing	Friday 21 <sup>th</sup> January
Opening Ceremony / Parade	Friday 21 <sup>th</sup> January
Competition days	23 <sup>th</sup> – 29 <sup>st</sup> January
Closing ceremony	Saturday 29 <sup>th</sup> January

## 7. Pilots Entry: Maximum number of pilots: 130

## 8. Entry Fee: Pilots: 250 Euros

Team Leader/Assistant: 50 Euros

Included in the entry fee:

- All transportation, take-off buses, all major road network recoveries previously defined in each task briefing.
- Lunch box containing sandwich, juice and drinking water;
- A get-together dinner for pilots and staff;
- Rescue team on takeoff and readiness throughout the race;
- SAMU UTI Ambulance on takeoff, fully equipped;



- Competition T-shirt
- High quality map of the flight area;
- ID card & safety/contact information
- Free SIM cards for competitors and team leaders
- Flymaster Live Tracking for the competition;
- Flymaster Telegram system to retrieve;
- Wing numeral stickers

**Payment: PayPal and Transferwise (being studied)**

**9. Test Event:** Brazilian Open 1 - April 25th to May 2nd 2020

## 10. Launch Site

Owned and supervised by Governador Valadares City Hall, the takeoff area is extremely wide and grassy, allowing more than 10 launches at the same time, taking on average 35 minutes for all pilots to be in the air.

<b>Name</b>	Ibituruna Peak - Governador Valadares
<b>Altitude</b>	1.123 meters ASL
<b>Elevation</b>	860 meters
<b>Waypoint</b>	D001 - 18.88617°S 41.91574°W
<b>Takeoff Quadrants</b>	S SE NE N
<b>Takeoff area surface</b>	Grass
<b>Capacity</b>	Possibility for more then 10 takeoff simultaneous (+/- 30min to takeoff of 130 pilots).
<b>Main landing areas around the mountain (Ibituruna)</b>	A01 Feira da Paz 144m -18.858 / -41.941 (Official City Landing Area) A02 Parque Municipal 168m -18.866 / -41.932 A03 Carrapato 146m -18.853 / -41.920 A05 Geraldo Farias 171m -18.927 / -41.912
<b>Parking</b>	Capacity for 60 vehicles
<b>Helicopter Landing Area</b>	Located 80m from takeoff N, next to parking lot.
<b>Sanitary facilites</b>	02 fixed toilets (male and female) + chemical toilets during the competition.

<b>Ballast Water</b>	Available next to toilets
<b>Food and Drink</b>	Bar with a good selection of snacks and drinks
<b>Covered areas (sun protection)</b>	Large fixed shaded area + mobile tents
<b>Wind socks</b>	2 large (fixed) + 6 smaller units (during competition)
<b>Internet Connection</b>	Free Wi-Fi + GSM coverage
<b>Telephony</b>	Companies that operate (Vivo/Claro/TIM/Oi) <i>Vivo best coverage of the region</i>
<b>Owner/Administrator</b>	Governador Valadares City Hall



## 11. Distance access to launch:



16km from the Governador Valadares downtown (35min), in paved road, possible to any vehicle. Transport to launch will be provided by small buses and vans. Gliders are transported in fully closed truck.

## 12. Task flying area:

Ibituruna is at 1,123m ASL and approximately 860m above the surrounding landscape.

The relief of the region is relatively flat, with small hills, between 150 and 300m, with good network of paved roads.

The wind is predominantly light, generally not exceeding 8 to 12 km / h. This makes it easy to design a variety of tasks in virtually any direction, with a total average distance of 75 km.

### Governador Valadares (Comp-Open)

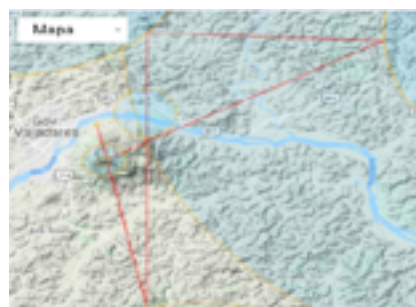
Task	Date	Distance
T1	Wed 15-Jan-14	76.6 km
T2	Thu 16-Jan-14	81.7 km
T3	Fri 17-Jan-14	76.1 km
T4	Sat 18-Jan-14	67.4 km
T6	Tue 21-Jan-14	60.7 km
T7	Wed 22-Jan-14	66.7 km
T8	Thu 23-Jan-14	87.4 km
T9	Fri 24-Jan-14	96.1 km
T10	Sat 25-Jan-14	69.3 km

Many types of tasks are possible within a vast flight area.

*SuperFinal PWC 2013*



Throughout the numerous competitions already held in Governador Valadares hundreds of different types has been tasks: modern concentric cylinders, triangles of different sizes and shapes, flights combining the flat region of the Rio Doce with the small mountain ranges and rocks that punctuate the region, roundtrip races at the Feira da Paz, one-way races, an infinity of options available to pilots and staff:



*Task's of Superfinal PWC 2016*

One of the most important things about this flight site is that it is housed in a large permanent airspace at SRB350 IBITURUNA – the largest in Brazil for free flight practice free of any limitation (bounded in red on the map beside) and, for competitions, a NOTAM is requested by expanding this area.

**There is no height restrictions.**

There are two minor restrictions: for flights over Governador Valadares downtown and within 3km of the airport.



## 14. Weather:

Based on the weather forecasts and the experience of our team, we proposed the end of January, when it certainly offers the most consistent and suitable conditions for the highest level of competition.

January is characterized by a period when temperatures are higher, we have a larger "flight window", longer days.

During this January period the last two editions of PWC SuperFinal were held in Governador Valadares, with over 90% of valid days, good and competitive events successfully completed.

Below are some graphs showing January precipitation rates of the last two years. This shows that the suggested competition period is reliable for the event:



Source: [http://www.inmet.gov.br/portal/index.php?r=home/page&page=rede\\_estacoes\\_auto\\_graf](http://www.inmet.gov.br/portal/index.php?r=home/page&page=rede_estacoes_auto_graf)

## 15. Meteorology:

Mr. Lucas Machado, meteorologist hired for our staff (produces Daily Bulletins - image) that allows the realization of safe and appropriate tasks.

He provided the Meteorology forecasts for the Nationals and PWC.

Data collected from CPTEC, XCSkies INMET Ground Agricultural automated weather stations.



## 16. Transport and Retrieval:

Three big buses and van's will be available for riders transportation to the tack-off.

This same structure will be used for retrieve along the roads indicated in the briefing of the day.

The equipment will be transported by covered trucks.

All vehicles will have an English speaking assistant on board who also know the region and are familiar with retrieve operation.

All vehicles will have 2m radio and mobile phone.

All the retrieve control will be based on positioning trough the GPS coordinates transmitted by pilots after landing (report back).

The Flymaster live-tracking system/Telegram will be used as part of the retrieving system.



Picture 7: Transport Structure

The region has a good road network (see map) and the secondary roads and farms are good for smaller cars, making it easy for everyone to collect them in very short time.

### **17. Safety issues:**

Flight in Governador Valadares is unaffected by severe storms or winds.

We have an excellent security record with numerous events without major incidents.

Throughout the region there are many large landing areas (see competition map) without restrictions.

### **18. Rescue and Medical Services:**

The Governador Valadares Championships are always supported by the Minas Gerais State Fire Department, always present with a car and three fully equipped men.

The Emergency Medical Service - SAMU 192 is always present on takeoff and in service throughout the city.

A helicopter rescue unit was recently installed in the city, the 5th BRAVE - State Regional Aviation Base, reducing reaction time in a possible emergency to less than 15 minutes.

The city has a good hospital structure, public and private, with specialized care in cases of bone and / or neurological trauma.

The Municipal Government will provide all the infrastructure and social assistance to help pilots and their families in case of major or minor accidents, facilitating examination and care in case of emergency.





19.



### Safety Management Plan:

All FAI guidelines for accident cases will be taken and rigorously checked the week before the competition.

Every public health structure in the city and region will be officiated and ready for prompt care.

### 20. Communications:

Sim-cards will be distributed to all registered drivers.

The organization will use the Flymaster Report Back and Retrieve System, Telegram. The use of Flymaster/Telegram System + 2m radio ensures effective communication and coordination of rescues and possible emergency.

A powerful 50W 2m Radio will be setup on the top of the mountain, with high gain antenna which allows VHF communication with pilots up to a 70km distance, it's where the retrieve coordinator makes all communication with the emergency, technical communications (tasks), etc...

**The use of 2m radio is required.**

Frequencies and telephone numbers of Emergency, Retrieve and Safety will be notified in advance and posted on the identification badges of pilots, task boards and given out at pilots' briefing.

## **21. Insurance**

No requirements have to be provided, just the mandatory from FAI comps. The public health system in Brazil is free for all citizens and visitors however we strongly advise that every pilot have his own private insurance to guaranty a better treatment. For third part liability we for now recommend the AXA insurance that costs about 80 EU and provide for Europeans full coverage, for now Europeans cover the mandatory liability.

## **22. Liaison with police:**

We have the full support of public safety services through the Military Police of Minas Gerais State, ensuring the safety of pilots, officers, staff and visitors. There is a constant presence of Military Police officers in the area of the take-off and the official landing field, Feira da Paz, together with patrols around the city (vicinity of Competition HQ and major hotels) and along the routes of the established task of the day.

## **23. Event Headquarters:**

Real Minas Hotel, HQ of the last major GV competitions, will once again be used. It is located in the city center, close to other hotels, restaurants and the official landing área "Feira da Paz".

The hotel has:

- A large air-conditioned room for pilot reception;
- A smaller room where employees can hold private meetings;
- Equipment verification in the selected area;
- a good internet for organization;
- male and female toilets;





- TV monitor, minimum size 29 inches for pilots to check flights;
- A laser printer with additional toner and paper;
- Table for equipment installation, work of pilots, etc;
- Bulletin board with results for public and riders (1mx3m);
- Good quality scales (up to 150 kg).



## 24. Local facilities:

Governador Valadares has a large hotel chain that meets the expectations of all tastes and pockets, all well located:

### **Main Hotel** (Competition HQ)

- Real Minas Hotel

[www.realminas.com.br](http://www.realminas.com.br)

+55 33 32716751



### **Gold class hotels** (40 EUR to 50 EUR)

- San Diego Hotel

+55 33 3508-1300

- Benvenuto Hotel

[www.benvenutopalacehotel.com.br](http://www.benvenutopalacehotel.com.br)

+55 33 32787001

- Ibituruna Center Hotel

[www.ibiturunacenterhotel.com.br](http://www.ibiturunacenterhotel.com.br)

- Pousada Jeito de Minas

+55 33 32767797

### **Silver class hotels** (25 EUR to 35 EUR)

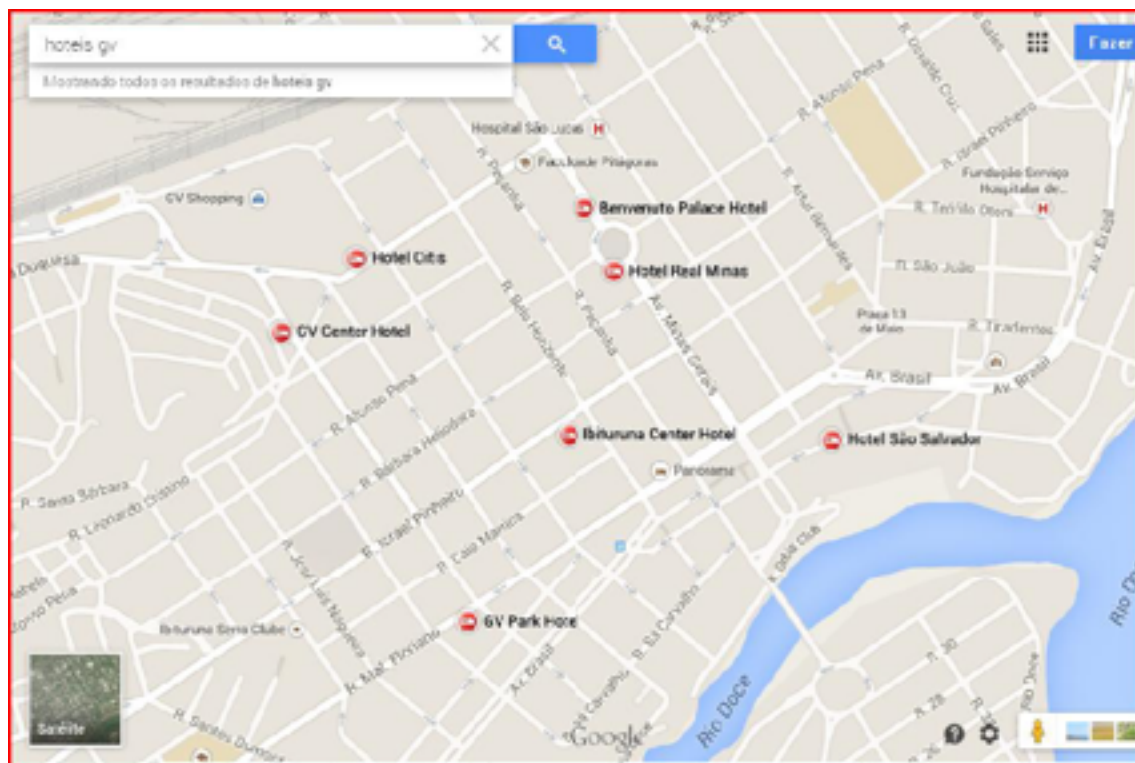
- Panorama Center Hotel +55 33 32717840

- Hotel Evereste +55 33 32028050

- Hotel Serra Lima +55 33 32722003

## Economy class hotels (15EUR to 20EUR)

- Hotel São Salvador +55 33 32794200



## 25. Competition Website:

The CBVL - Brazilian Free Flight Confederation web competition service (<http://eventos.cbvl.esp.br/>) will be used for the competition.

The application process, full selection, payment and final registration will be done through this service.

As well as all the information before and during the competition will be published in it.





## 26. Visas, Vaccinations:

VISA required for some countries, but not for Europeans or Latin Americans.

Yellow Fever Vaccination obligatory for this area of Brazil.

## 27. Customs & equipment importation:

It is required to declare that it is a personal equipment if requested by customs at the airport of entry.

## 28. Medals, etc.

We will be based on the CIVL approach, plus a local award, from 1st to 5th place in the female and up to 10th place overall.



Trophies and awards - Super Final PWC

## 29. Media coverage:

A Press Office and staff (photographers, videographers, etc.) will be hired to produce daily releases (minimum 02), capture photos and videos, feed news from the official website of the event, relationship with the media and supervise the placement of advertising equipment at HQ, take-off and the landing area.

Amongst other functions they will:

- Keep a list of media contacts.
- Invite media to the event.
- Develop a "media kit." Most journalists, photographers, etc., will not have much information about paragliding. This "kit" should contain information about the sport, the competition, rules, take-off place, landing place, tasks and results of them, list of registered gliders in the competition, with characterization of their equipment (colour and markings) and sponsors, information on the top 30 gliders (major achievements, titles, records, etc.), time and place of celebrations and ceremonies, especially the awards ceremony.
- Arrange interviews with pilots and members of the organization of the event.
- Organize tandem flights, if necessary.
- Write and send press releases (minimum of 02 daily) for different communication channels (websites, lists, e-mails, print publications, etc.).
- Provide photographs and images and sends them, etc.



### 30. Sponsors and Supporters

The Championship will be sponsored and supported by:

- Governador Valadares City Hall
- Municipal Secretariat of Sports
- City Council of Tourism
- Valadares Commercial Association
- Minas Gerais Military Fire Brigade
- SAMU – Emergency Medical Service
- 5<sup>a</sup> BRAVE – 5<sup>a</sup> State Regional Aviation Base (Air Rescue – Helicopter)
- Minas Gerais Military Police



### 31. Finance:

Local government and pilot enrollment fees will be most of the revenue supplemented by local partnerships and support.

**Name:** Ederson Dutra

**Signed:**



**Position in Organization:** Technical Coordinator

**Date:** November 26th, 2019

## Annex B – 1

### Letter of support from the NAC



Rio de Janeiro, November, 25th, 2019  
CR – 067/19

To  
Mr. Stephane Malbos  
President of  
CIVL – Free Flight International Commission of  
FAI – Federation Aeronautique Internationale

**Ref.: Support to Brazilian to 2022 – the 5<sup>th</sup> FAI Paragliding Pan-American Championship  
Pico da Ibituruna – Governador Valadares – MG – Brazil  
From 21<sup>st</sup> to 29<sup>th</sup> of January, 2022**

Dear Mr. Stephane Malbos,

To CIVL Annual Commission Meeting from 2020, to Delegates and Alternates from all countries, board of commission executives, board of FAI executives, büro staff, observers and President we ask you all for the support for the Brazilian Bid for the above mentioned event.

Continuing the spirit of grows and air sport country development we are again very encouraged to write that this event is another big step towards the implementation of a strong and steady paragliding model country in South America.

CAB, Comissão de Aerodesporto Brasileira notifies here that we support the Brazilian Bid through its organizers due to their commitment to a good work with skill and passion, trademarks for everything they do.

We look forward to receiving your commission support and seeing you all in 2022 in Governador Valadares, MG, Brazil.

Sincerely,

**Marina Posch Kalousdian**  
President

CAB – Comissão de Aerodesporto Brasileira

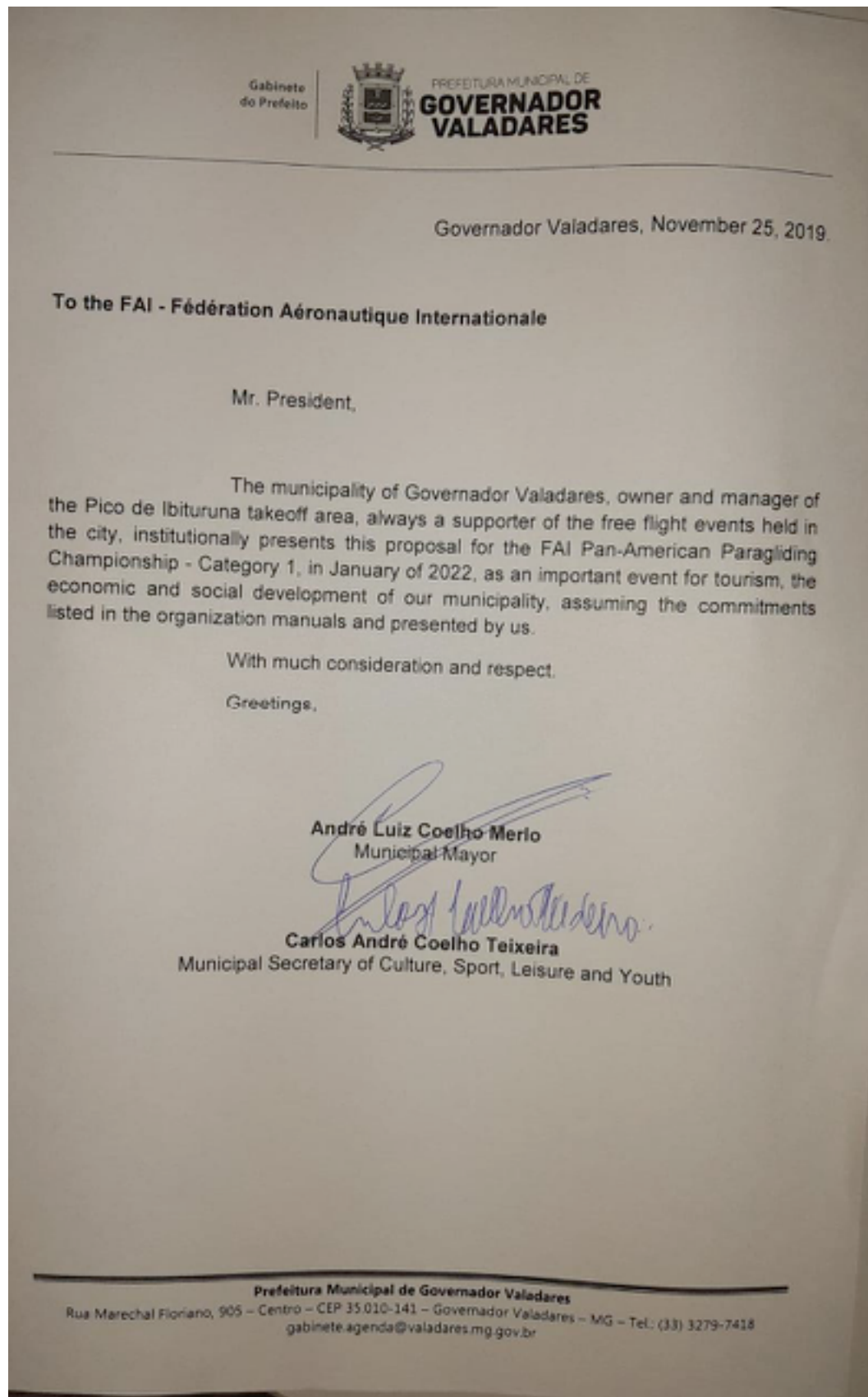
(+55 11) 98335-4700 / 5031-0807 | cab-nacbrasil@cab.org.br | www.cab.org.br  
Sede: Av. Presidente Vargas, 962 | sala 1004P | Centro | Rio de Janeiro | RJ | CEP 20.071-002  
Administrativo: Rua Ciriádão Durval, 139 | Vila Paulista | São Paulo | SP | CEP 04360-020



ACTIVE MEMBER

### Annex B-3

Official letter from Governador Valadares city hall



## Annex B-4

### Letter of support from the delegated entity CBVL



**CONFEDERAÇÃO  
BRASILEIRA DE  
VOO LIVRE**

**WWW.CBVL.COM.BR**

Av. Prefeito Mendes de Moraes, 1.502

São Conrado - Rio de Janeiro, RJ - 22610-095

☎ (21) 97208.9598 | ✉ contato@cbvl.com.br

Re: 5th FAI Pan-American Paragliding Championship  
Pico da Ibituruna – Governador Valadares – BRAZIL  
21st – 29th, January 2022

Ofício nº 027/2019

Igrejinha, 26 de novembro de 2019.

Dear Sirs,

The Brazilian Free Flight Confederation - CBVL, authorized delegated entity of the Brazilian Airports Confederation CAB - NAC BRAZIL, hereby authorizes and supports the initiative of the organizers of the 5th Pan-American Paragliding Championship to present the bid to organize the above competition.

The technical team has an extensive experience and together with the support of Governador Valadares City Hall have all the conditions to organize a very good event.

As such, we approve and support this initiative.



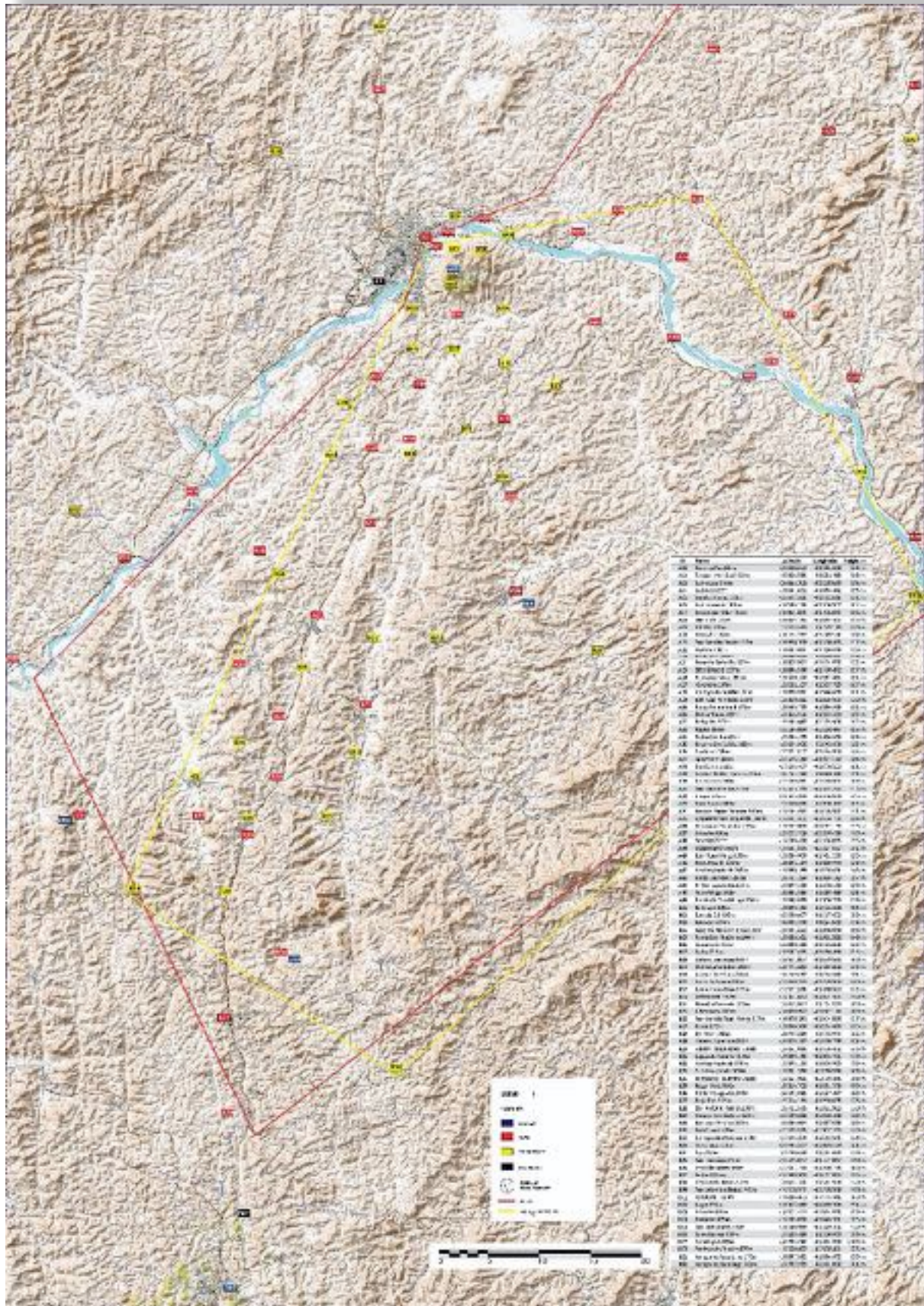
Presidente da Confederação Brasileira de Voo Livre.

Confederação Brasileira de Voo Livre - CBVL - CNPJ nº 29.455.789/0001-57  
Av. Prefeito Mendes de Moraes S/N - São Conrado  
Rio de Janeiro - RJ - Tel: (51) 9 9970-1981  
presidente@cbvl.com.br



## Annex B-5

### Map of the area





## Annex – C

### Provisional Budget

PROJECTED EXPENDITURE		
Items	Euros	Notes
<b>PREPARATION (over 2 years)</b>		
Administration, post & bank charges, stationery	1.000 €	Includes bank transfer fees, accountant charges, etc.
Travel expenses for organisers, volunteers	1.500 €	Meetings with co-financiers, suppliers, airspace or other authorities, etc.
Setting up & maintaining website	500 €	Including logo design, hosting, etc.
<b>COMPETITION</b>		
FAI Sanction Fee	5.120 €	See Section 7
FAI Officials (5): Travel, accommodation, meals, daily allowance, car rental	6.500 €	Allow for 2-3 days more than no of comp. days: 500each travel; 80/day each food & lodging; 10/day x 3 jury allowance; 2 cars x 2 weeks rental
Rental of suitable HQ building/rooms/ marquee for briefings (180 people+), meeting rooms, scoring room etc.	1.500 €	Local town may offer free use of suitably sized and furnished building.
Rental/buy IT & equipment for HQ, launch, goalfields/target etc	1.000 €	Consider IT requirements, computers, software, printers & wifi, phones/mobiles, noticeboards, giant screens etc. Could be much more if live tracking used, for example.
Road, airspace, turnpoint maps for pilots, team leaders & HQ	1.000 €	Design/artwork & print costs, consider several large examples for HQ and Launch
Tshirts	2.000 €	Count in pilots, team leaders, drivers, staff, volunteers, press, VIPs, sponsors
Trophies, day prizes, gifts for pilots	2.000 €	FAI medals & diplomas provided by FAI free of charge. Consider trophies, champagne, local souvenirs/produce. Local region may provide some goodies, such as pens. Manufacturers may sponsor prizes
Transport	12.000 €	PG comp: transport normally included. Factor 3 buses and/or 6 minibuses. HG comp: transport for staff, press, VIPs, reimburse fuel for volunteers



Transport	12.000 €	PG comp: transport normally included. Factor 3 buses and/or 6 minibuses. HG comp: transport for staff, press, VIPs, reimburse fuel for volunteers
Medical services (doctor, paramedic, ambulance etc)	3.500 €	Wholly dependent on what is available or can be negotiated locally
Option: Rental & cleaning of portable toilets	400 €	
Option: Weather forecasting (presentations, daily soundings etc)	800 €	Wholly dependent on what is available or can be negotiated locally
Option: packed lunches or snack/water for pilots/TLS	3.000 €	Allow 3€/flying day/person
SIM Cards for Pilots	300 €	
Contingency	5.000 €	Improvements to launch, equipment purchase/rental, insurance, extra personnel, Live Trackers rental

#### PERSONNEL

Fees for Meet Director, Safety Director, Event organiser, Launch Marshal, Scorer etc.	12.000 €	Increasingly common that key personnel are remunerated for these positions of high responsibility, skill and experience. May also need to cover travel and accommodation/ food expenses
Food/expenses for organisers, staff, volunteers, helpers 15 days	6.000 €	Even if all staff are volunteers, it is usual to provide some food, camping fees, T-shirt, reimburse fuel for own transport etc

#### CEREMONIES & SOCIAL EVENTS

Opening & Closing Ceremonies	4.000 €	Buffet for 200+ people, music/entertainment, flags, decorations. This is a suggested minimum.
Other social events (bbq, music evening etc)	2.000 €	According to budget. Local sponsorship may be possible.

#### MEDIA & PROMOTION

PR or Press person/services prior to & during event	2.000 €	Local tourist office or local authority people may help. Should have someone handling press during the event.
Official blogger, photographer, video cameraman, film maker	2.500 €	Writing task reports, press releases, providing photos or video footage to news agencies, web tv etc.

<b>TOTAL EXPENDITURE</b>	<b>75.620 €</b>
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<b>TOTAL EXPENDITURE</b>	<b>75.620 €</b>
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<b>PROJECTED INCOME</b>
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Items	Euros	Notes
Pilot fees	32.500 €	250 EUR x 130
Team leader fees	750 €	50 EUR x 15
Grant from Municipality of Governador Valadares	23.000 €	
Grant from Minas Gerais state	5.000 €	
Grant from government sport department or similar	0 €	
Grant from national Federation or NAC	0 €	
Sales of promotional items, productising	500 €	
Sponsorship	15.000 €	

<b>TOTAL INCOME</b>	<b>76.750 €</b>
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