

15 YEARS OF BAMBOO STORIES



BAMBOO PRICE LIST • 2024

BAMBOO CONSTRUCTION ENGINEERING

BAMBOO PRICE LIST

BAMBOO POLES

- SPECIES AND ORIGIN P.4
- TREATMENT AND PREPARATION P.5
- BAMBOO SAMPLES P.6
- YELLOW PETUNG *Dendrocalamus Asper* P.7
- YELLOW TALI *Gigantochloa Apus* P.8
- BLACK PETUNG *Dendrocalamus Asper sp.* P.9
- BLACK TALI *Gigantochloa Atroviolacea* P.10

BAMBOO PRODUCTS

- BAMBOO SPLITS P.12
- BAMBOO LIDI P.13
- OPEN BAMBOO - *Pelupuh* P.14
- BAMBOO SLICES P.15

BAMBOO CONNECTIONS

- BAMBOO PINS P.17
- COVER STEEL BARS P.20

ROPES - TALI

- TALI IJUK - *Black palm rope* P.22
- TALI BAMBOO - *Woven bamboo rope* P.23
- TALI MENDONG - *Woven mendong rope* P.24
- TALI RATTAN - *Rattan rope* P.25

BAMBOO PRICE LIST

- BAMBOO POLES P.27
- BAMBOO PRODUCTS P.28
- BAMBOO CONNECTIONS P.28
- ROPES P.28

BAMBOO POLES

SPECIES AND ORIGIN

The main species for bamboo construction in Indonesia are bamboo petung (*Dendrocalamus Asper*) and bamboo tali (*Gigantochloa Apus*). The bamboo poles grow in 3 to 6 months to a height of 20-30m and are cut 3 to 5 years, the time for the bamboo walls to increase to the necessary thickness.

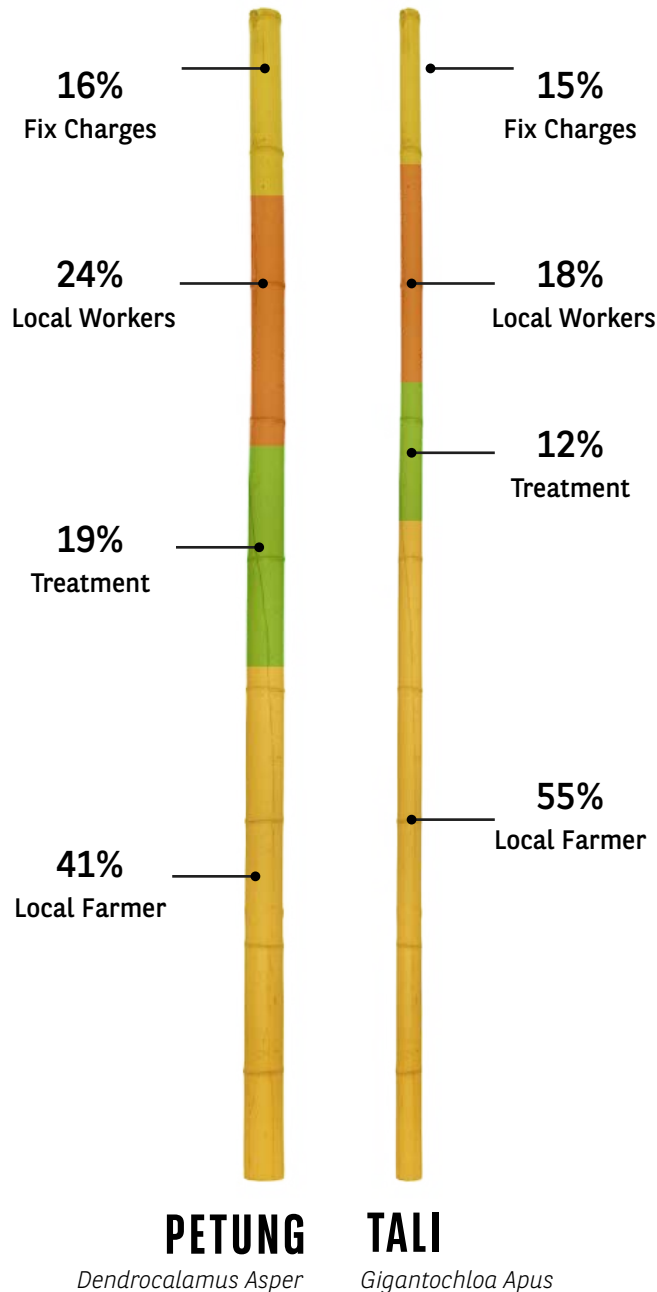
The bamboo poles grow in Bali mountains such as Kintamani, Bangli and Tabanan areas. Produced by local farmers, it contributes to valorize local Balinese economy in remote regions.



Bamboo petung, poles and young shoots, Batukaru, Bali.

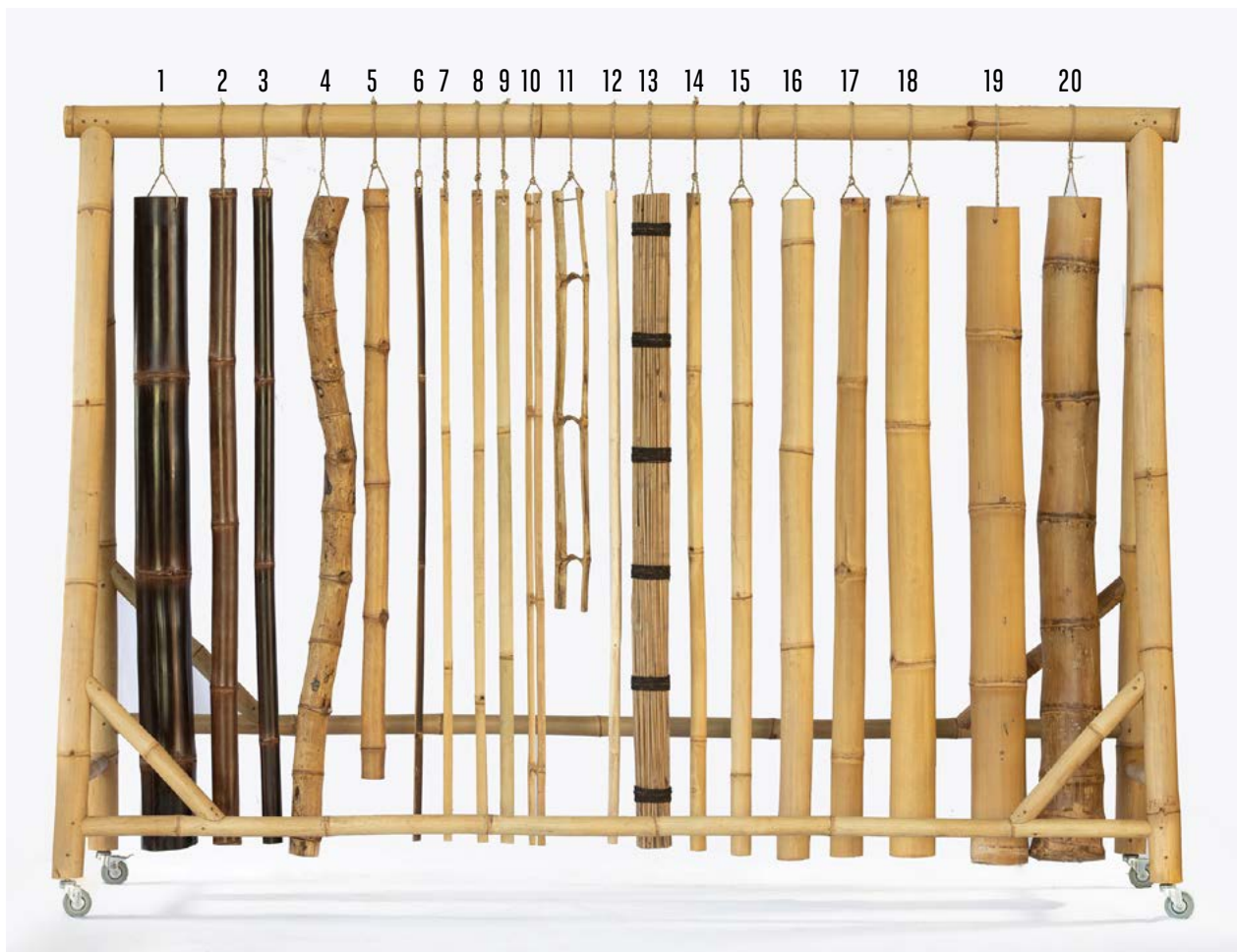
TREATMENT AND PREPARATION

The bamboo poles are selected mature (3-5 years), straight, with no default and no insect attack. The bamboo poles are drilled and treated by soaking method with natural salts of borax and boric acid with a minimum of 3% during 1 week and store to dry in the cover area inside the warehouse. The all process of treatment and preparation takes 3 to 4 weeks till the moisture content in the bamboo arrives under 20%, then the bamboo poles can be used for the construction.



BAMBOO SAMPLES

Here are all the bamboo species and sections we use for our constructions. The samples are available at our offices in Belega, Gianyar, Bali.



1. Black Petung (*Dendrocalamus Asper* sp.) Ø 13-15cm
2. Black Tali (*Gigantochloa Atrovioleacea*) Ø 8-10cm
3. Black Tali (*Gigantochloa Atrovioleacea*) Ø 6-7cm
4. Bamboo Duri (*Bambusa Blumeana*) Ø 8-10cm
5. Bamboo Sumba
6. Split Black Tali 2,5cm
7. Split Yellow Tali 2,5cm
8. Split Yellow Tali 3cm
9. Split Yellow Tali 4cm
10. Slice Yellow Tali 8cm
11. Slice Bamboo Duri
12. Rattan Ø 3cm
13. Bamboo Lidi Ø 12cm
14. Yellow Tali (*Gigantochloa Apus*) Ø 3-5cm
15. Yellow Tali (*Gigantochloa Apus*) Ø 6-7cm
16. Yellow Tali (*Gigantochloa Apus*) Ø 8-10cm
17. Yellow Petung (*Dendrocalamus Asper*) Ø 8-10cm
18. Yellow Petung (*Dendrocalamus Asper*) Ø 10-13cm
19. Yellow Petung (*Dendrocalamus Asper*) Ø 13-15cm
20. Yellow Petung Akar (*Dendrocalamus Asper*) Ø 13-15cm

YELLOW PETUNG (*DENDROCALAMUS ASPER*)

The first 12 meters of the bamboo poles can be used for structural elements for the bamboo construction. Bamboo of 5 to 7m length are commonly used in order to optimize price and logistic and to keep a similar diameter between the base and the top of the bamboo pole.



Bamboo petung poles of 6m length in preparation / drying at the warehouse.



Bamboo petung columns. Mutia Garden Restaurant – Medan, Sumatra, Indonesia. 2018.

YELLOW TALI (*GIGANTOCHLOA APUS*)

The bamboo tali are commonly used for secondary roof beams, bamboo rafters or decorative elements such as cladding or interiors.



Bamboo tali poles Ø 6-7cm for cladding – Boyoma, Republic of Congo. 2016.



Bamboo tali poles for rafters during installation onsite. Tea House – Ubud, Bali. 2020.

BLACK PETUNG (*DENDROCALAMUS ASPER SP.*)

For original and classy aesthetic, black bamboo poles can be use for structural elements.



Black Petung for bamboo columns before finishing.



Black Petung for bamboo columns.K Club, Lobby – Tegallalang, Bali, Indonesia. 2019.

PT PESONA BAMBU BALI | BAMBOO CONSTRUCTION ENGINEERING
welcome@asalibali.com • Jalan Padat Karya 9 • 80581 Belega, Bali, Indonesia

WWW.ASALIBALI.COM

BLACK TALI (*GIGANTOCHLOA ATROVIOLACEA*)

In order to confer a classy and cozy atmosphere, black bamboo can be used for interiors, partition walls or ceilings.



Black bamboo tali for bathroom interior - Ulaman Eco Retreat - Kaba Kaba, Bali. 2020.



Black tali bamboo cladding. Sunsri House of Jewelry - Batubulan, Bali, Indonesia. 2018.

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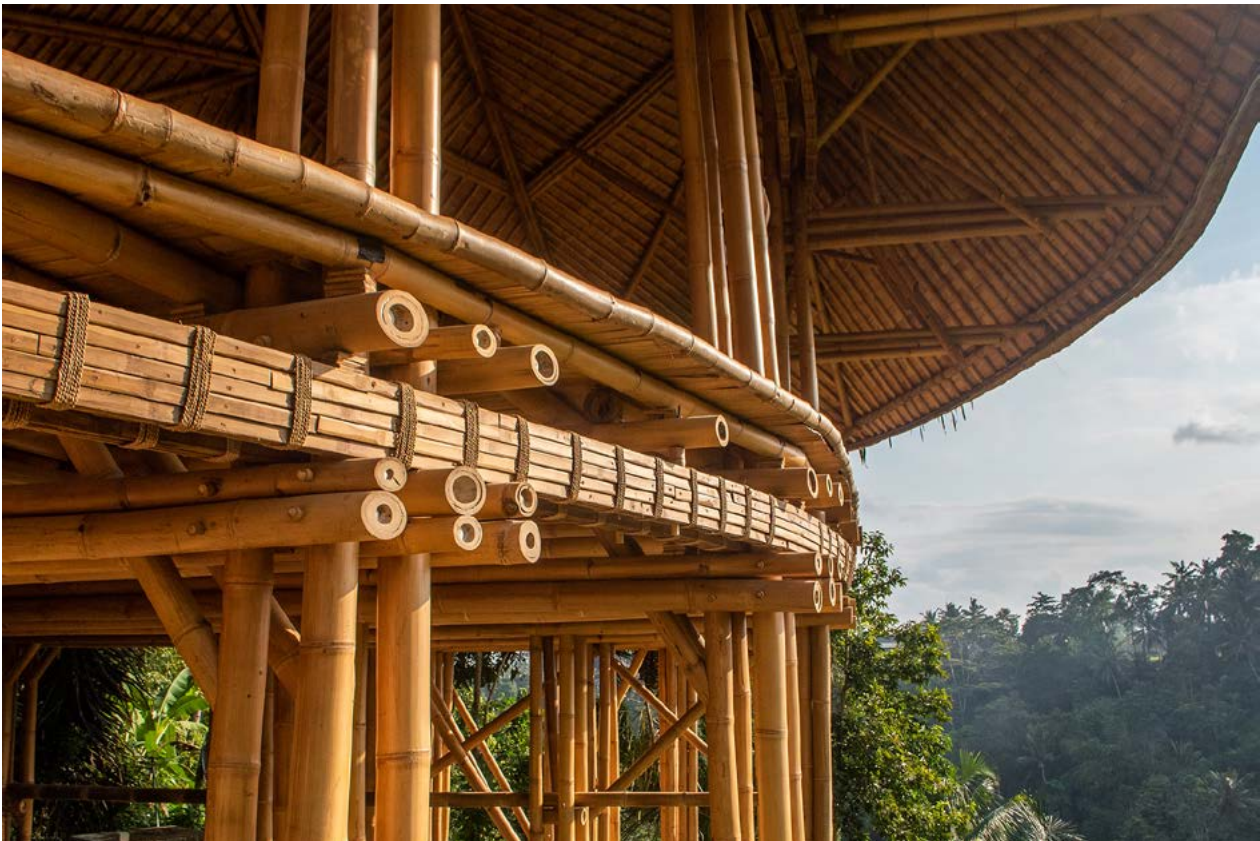
BAMBOO PRODUCTS

BAMBOO SPLITS

For 2D curved beams, rafters and flooring or decoration, bamboo splits offers an adapted and aesthetic solution. Depending on the element and rendering, the splits would be from different length, thickness and can be proposed with the bamboo skin or without.



Split 3cm width without skin for flooring - Tea House, Ubud, Bali. 2020.



Split 5cm width without skin for bamboo split beam. During construction – Tea House, Ubud, Bali. 2020.

BAMBOO LIDI

In order to realize 3D curved structures, bamboo lidi made out of bamboo strips connected together in bundles are used, integrating additional bamboo splits inside the beam for additional stiffness and allow a better connection with main beams and columns. The diameter of the bamboo lidi beam will depend of the loads applied on the structure and would be sized consequently.



Bundle 100pcs bamboo lidi Ø 8mm, 4m long.



Bamboo lidi beam supporting the rafters and the roof. RASLI villa, Ubud, 2020.

PELUPUH - OPEN BAMBOO

In order to realize 3D curved structures, bamboo lidi made out of bamboo strips connected together in bundles are used, integrating additional bamboo splits inside the beam for additional stiffness and allow a better connection with main beams and columns. The diameter of the bamboo lidi beam will depend of the loads applied on the structure and would be sized consequently.



Bundle 10pcs open bamboo – pelupuh. 10cm x 3m.



RASLI Villa – Ubud, Bali, Indonesia. 2020.

SLICE BAMBOO DURI (*BAMBUSA BLUMEANA*)

For a natural railing and finishing, the bamboo slices are made out bamboo duri (*Bambusa Blumeana*) with natural tight internodes. The top part railing should be at a minimum of 1,03m height.



Ekcommunity Farmstay & Yoga, Dormitory - Munduk, Bali. 2018.



RASLI Villa - Ubud, Bali. 2020.

BAMBOO CONNECTIONS

BAMBOO PINS (*DENDROCALAMUS ASPER*)

The bamboo pins are used traditionally to connect the bamboo poles together. They are done manually one by one with treated bamboo petung poles using the traditional bamboo knife.



Bamboo pins fabrication process. Asali Bali. 2020.



Bamboo pins Ø 8mm during installation onsite for split beam. Tea House – Ubud, Bali. 2020.

BAMBOO PINS (*DENDROCALAMUS ASPER*)

The bamboo pins are used traditionally to connect the bamboo poles together. They are done manually one by one with treated bamboo petung poles using the traditional bamboo knife.



Bundle 100pcs bamboo pins Ø 8mm, 32cm length.



Bundle 100pcs bamboo pins Ø 10mm, 48cm length.

BAMBOO PINS DIAMETER 4MM

The bamboo pins are used traditionally to connect the bamboo poles together. They are done manually one by one with treated bamboo petung poles using the traditional bamboo knife.



Bundle 100pcs bamboo pins Ø 4mm, 14cm length.



Bamboo pins Ø 4mm installation for bamboo flooring, Ulaman Eco Retreat, Kaba Kaba, Bali.

COVER STEEL BAR

The bamboo pins are used traditionally to connect the bamboo poles together. They are done manually one by one with treated bamboo petung poles using the traditional bamboo knife.



Cover bamboo for screws on top of the steel bars of 8, 10 and 12mm.



Cover of the steel bars with bamboo caps – Yoga Shala, Joali Being, Bodufushi, Maldives, 2021.

ROPES - TALI

TALI IJUL - BLACK PALM ROPE

The traditional Ijuk is used in Indonesia for the most resistant rope in exposed environment and weather conditions. Its natural black color offers a nice contrast with yellow bamboo.



Ijuk rope, 3mm thickness, 30m long.



Tali Ijuk – Office, Ekommunity – Munduk, Bali. 2018.

TALI BAMBOO - WOVEN BAMBOO ROPE

Tali bamboo made out of bamboo fibers fit perfectly with bamboo structure for a homogeneous rendering. It is strong and resistant on shaded areas.



Bamboo rope, 4mm thickness, 25m long.



Mutia Garden, Restaurant - Medan, Sumatra, Indonesia. 2018.

TALI MENDONG - WOVEN MENDONG ROPE

Tali mendong which is made out of a water plant is a natural material used traditionally to tie bamboo structure and craftship. It has the best balance for durability, reduced price and natural rendering for bamboo projects.



Tali mendong - Woven mendong rope, 6mm thickness.



Alam Atelier School - Berawa, Bali, Indonesia. 2016.

TALI RATTAN - RATTAN ROPE

Tali rattan is natural and sustainable resource with fit perfectly with interior design, detailed finishes and furniture.



Tali rattan - Rattan rope, 5mm thickness.



Ulaman Eco Retreat - KabaKaba, Bali, Indonesia. 2019.

BAMBOO PRICE LIST

PRICE LIST BAMBOO POLES

BAMBOO POLES	LENGTH (M)	PRICE RP / PCS	
		YELLOW	BLACK
BAMBOO PETUNG BASE Ø 13-15CM	14	430.000	445.000
	12	390.000	420.000
	10	355.000	380.000
	9	315.000	340.000
	8	275.000	300.000
	7	225.000	250.000
	6	170.000	195.000
	5	145.000	170.000
BAMBOO PETUNG TOP Ø 10-13CM	14	430.000	455.000
	12	390.000	420.000
	10	355.000	380.000
	9	315.000	340.000
	8	275.000	300.000
	7	225.000	250.000
	6	170.000	195.000
	5	145.000	170.000
BAMBOO TALI BASE Ø 8-10CM	10	95.000	120.000
	9	85.000	115.000
	8	80.000	105.000
	7	75.000	100.000
	6	70.000	95.000
	5	65.000	85.000
BAMBOO TALI TOP Ø 6-7CM	9	75.000	100.000
	8	70.000	95.000
	7	65.000	85.000
	6	60.000	80.000
	5	55.000	80.000

TERM AND CONDITION:

- Material preparation time: 4-6 weeks depending on season and quantity ordered.
- Price out of transportation, logistics and stuffing if necessary.
- Additional price 25% for selected poles at the warehouse.
- Deposit 50% at the order and balance 50% before pick up the goods.

PRICE LIST BAMBOO PRODUCTS

BAMBOO PRODUCTS	LENGTH (M)	PRICE RP/PCS
Split tali with skin - width 2cm (max 2,5m long)	1	5.500
Split tali with skin - width 3cm (max 2,5m long)	1	6.000
Split tali with skin - width 4cm (max 2,5m long)	1	6.500
Split tali with skin - width 5cm (max 5m long)	1	7.000
Split petung with skin - width 5cm (max 5m long)	1	10.000
Bamboo lidi - Bundle (100pcs)	4	280.000
Open Bamboo - Pelupuh / Bundle (100pcs)	3	195.000
Bamboo Slice - Duri	1	50.000
Bamboo Slice - Tali	1	40.000

BAMBOO CONNECTIONS	UNIT / PCS	PRICE RP/PCS
Bamboo pins - 10 mm / Bundle (100pcs)	1	70.000
Bamboo pins - 8 mm / Bundle (100pcs)	1	55.000
Bamboo pins - 6 mm / Bundle (100pcs)	1	45.000
Bamboo pins - 4 mm / Bundle (100pcs)	1	40.000
Cover steel bar - 12 mm / Box (100pcs)	1	550.000
Cover steel bar - 10 mm / Box (100pcs)	1	500.000
Cover steel bar - 8 mm / Box (100pcs)	1	400.000

BAMBOO ROPES	UNIT / PCS	PRICE RP/PCS
Tali ijuk - Black coconut rope (30m)	1	50.000
Tali bamboo - Woven bamboo rope (45m)	1	90.000
Tali mendong - Woven mendong rope (1kg)	1	70.000
Tali rattan - Rattan rope (1kg)	1	85.000

TERM AND CONDITION:

- Material preparation time: 4 weeks depending on season and quantity ordered.
- Price out of transportation, logistics and stuffing if necessary.
- Additional price 25% for selected poles at the warehouse.
- Deposit 50% at the order and balance 50% before pick up the goods.

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CONTACT US FOR YOUR BAMBOO PROJECTS

PT PESONA BAMBU BALI
BAMBOO CONSTRUCTION ENGINEERING

62(0)811 388 643
welcome@asalibali.com