



**Institute of Rock Structure and
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Attention to: Mr. Jan Blahut

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Masate, 09/02/22

Quotation No: **'OFV22-00119/CP/CP Rev.1 '**

Your Ref. **e-mail of 08/02/2022**

Validity:	30 days from the issuing date	Packing:	to your charge
Our reference:	Chiara Pandini	Shipping:	by courier
Currency:	Euro	Port of destination:	to be agreed
Prices:	FCA Masate (MI), Italy	Delivery terms*:	2 weeks from order
Taxes:	to your charge	Payment terms:	100% before shipment by T/T
Origin of Goods:	Italy	Warranty period:	12 (twelve) months

Subject: **INCLINOMETER SYSTEM B.R.A.IN. AND INCLINOMETER TUBES**

Dear Institute of Rock Structure and Mechanics

Referring to your kind request, herewith follows our quotation for the instruments of your interest.

Looking forward to hearing from you soon, we remain at your complete disposal for further information.

Best regards.

* "Delivery time" means the estimated time needed to complete the manufacture of the offered products.
The indicated delivery time is only valid for immediate order and is subject to prior sale.
For the General and Warranty Conditions please visit the specific section on our website.



Quotation No: **OFV22-00119/CP/CP Rev 1**
of **09/02/22**

Item	Code	Description	UM	Q.ty	Unit Price	Total Price
001.00		B.R.A.IN. SYSTEM 100M				
001.01	0BRAIN10000	B.R.A.IN SYSTEM, 100M BLUE CABLE ±30° probe, BT remote	N.	1	6.500,00	6.500,00
001.02	0KLIONSW00	KLION DATA ANALYSIS SOFTWARE For inclinometers and T-Rex	N.	1	700,00	700,00
001.03	0S21ST10000	DUMMY PROBE, 100 M CABLE Reel, 100m cable (metric div.)	N.	1	800,00	800,00
001.04	0S1CSU10000	PULLEY AND CABLE STOP	N.	1	210,00	210,00
ALT.01.0		AS AN ALTERNATIVE – B.R.A.IN. SYSTEM 30M AND 60M				
Alt.01.1	0BRAIN03000	B.R.A.IN SYSTEM, 30M BLUE CABLE ±30° probe, BT remote	N.	Each	5.500,00	
Alt.01.2	0S21ST03000	DUMMY PROBE, 30 M CABLE Reel, 30m cable (metric div.)	N.	Each	600,00	
Alt.01.3	0BRAIN06000	B.R.A.IN SYSTEM, 60M BLUE CABLE ±30° probe, BT remote	N.	Each	6.000,00	
Alt.01.4	0S21ST06000	DUMMY PROBE, 60 M CABLE Reel, 60m cable (metric div.)	N.	Each	750,00	
002.00		INCLINOMETER TUBES n.3 boreholes with lenghts 12m each				
002.01	0S13100603M	3M RED STRIPE ABS CASING 3m long, OD 71.0 mm	N.	12	33,00	396,00
002.02	0S131MF6000	COUPLING FOR ABS CASING ABS made, 200 mm long	N.	12	6,00	72,00
002.03	0S131TF6000	BOTTOM CAP, 60 MM ABS CASING	N.	3	3,00	9,00
					TOTAL SUPPLY	EURO 8.687,00
					DISCOUNT 10%	EURO -868,70
					TOTAL FCA MASATE (MI) – I	EURO 7.818,30


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The BRAIN inclinometer system and the KLION software are fully compliant with the indications of the **international standard ISO 18674-3** which deals with inclinometers in geotechnical monitoring.

The standard ISO18674-3 requests that inclinometer probes shall be regularly re-calibrated and the maximum interval shall be two years. We propose to activate now the first BRAIN standard maintenance at a special price, locked and valid for 30 months from the delivery date. In case of acceptance, the Customer Care Department will contact you in advance to organize the service. Goods shipping and spare parts (if needed) are not included.

Item	Code	Description	UM	Q.ty	Unit Price	Total Price
ASS.01	7RIPASIS003	BRAIN STANDARD MAINTENANCE	N.	1	600,00 480,00	480,00
It includes:						
- Probe check on calibration desk;						
- Probe firmware up-grade;						
- Inclinometer cable operational check;						
- BRAIN firmware up-grade;						
- System's functional and performance test;						
- Two complete readings in test tube;						
- Issue of new calibration report for the probe;						
- Issue of compliance certificate.						

Spiral measurements for inclinometer readings compensation are commonly performed only once during the operation of an inclinometer. The standard ISO 18674-3 requires that

- for inclinometer casings longer than 50 m, the twist of the keyways along the casing **must be checked** by spiral meter
- to enhance the **quality of the measurements**, it is good practice to carry out twist measurements for casing lengths greater than 20 m.

If you are not interested into buy a new spiral meter, Sisgeo can rent a spiral meter probe **fully compatible** with your BRAIN system and KLION software for data compensation. The general renting conditions are available at [this link](#).

Item	Code	Description	UM	Q.ty	Unit Price
ASS.02	7NOLOSTRUME	SPIRAL METER RENTAL SERVICE	WEEK or fraction	each	400,00
It includes:					
- Preliminary probe check on calibration bench;					
- Spiral probe renting;					
- Cleaning and check after renting					


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