Suspension from hall roof



Company

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Street	1
Postcode, Town, Country	<u>I</u>
Tel	<u>!</u>
Fax	
E-mail	

Order

1. Suspension from hall roof

Attention: Please mark the suspension points and any special services required on the enclosed stand plan!

It is essential to state the weight per suspension point!

When the structural analysis of the event-specific load applied to the roof supporting structures in the halls is being performed, higher loads, known as heavy load suspension points, may be installed on request. The additional costs for static calculations are to be borne by the applicant. The necessary technical plans/documents are to be submitted to SPIE SAG GmbH in digitalized dwg format at least 42 days before the start of assembly. Load sensing systems are to be installed as specified by the structural engineer, specialist department of SPIE SAG GmbH or NürnbergMesse GmbH. A discount as stated below will be granted on request for 7 or more suspensions as ordered with Items 1.1 and 1.2, provided the order forms for "Suspension from hall roof" are submitted in a complete order with drawing, dimensions and weight per point (the drawing must show the contact details of the company appointed for the planning work and be marked as an implementation plan by the signature of the employee responsible) and technically correct state in good time (return deadline see above). The discount is cancelled if changes (e.g. place, height, weight ...) are made later than official deadline.

7-12 points 5 %, 13-20 points 10 %, 21-40 points 15 %, 41-60 points 20 %, from 61 points 25 %.

Mounting your exhibits (flags, trusses etc.) is not included in the price of suspension points.

Height of suspension point above hall floor

(Please note the maximum construction height determined by the organizer) Type of suspension:

(e.g. flags, banners, trusses, lighting)

We order in accordance with the General Terms of Business and Technical Guidelines of NürnbergMesse:

from main supply (see Items 1.1 - 1.4)

Hall 1,	<u>2, 3, 4, 5, 6, 7, 8, 9, 10, 12</u>	
Suspen:	sion point (max. vertical load per suspension point:	<u>25 kg)</u>
with 4 n	nm steel rope	EUR / piece(s)
□ 1.1	suspension point with open end	111.60 piece(s
□ 1.2	suspension point including wire rope clamp for rental	
	(information overleaf)	117.30 piece(s
with ste for a hei structura	ion points with higher load (max. vertical load per susp el rope 8 mm and possibly necessary load monitoring (A ght loss of up to 50 cm when using load cells. The costs al analysis of the roof supporting structure (EUR 1,830.60 t. Exhibitor must calculate the supporting forces, to de	ttention: please allow for the necessary) are to be borne by
1.3	suspension point with higher load with open end	215.50 piece(s)
□ 1.4 □ 1.5	suspension point with higher load <u>including wire rope</u> <u>clamp</u> for rental (information overleaf) power supply up to 3 kW to suspension point	238.20 piece(s)
□ 1.6	from main supply up to 9 kW to suspension point power supply up to 9 kW to suspension point	38.50 piece(s)

Return to SPIE SAG GmbH ServicePartnerCenter Messezentrum 90471 Nürnberg T +49 9 11 81 88 18-0 F +49 9 11 81 88 18-19 sag-messe@spie.com

Return deadline 19.02.2019

Person to contact

Tel

Fax

Invoice address (only if different)

VAT ID number of exhibitor:

Halls 3A	A, 3C, 4A, 7A and 11	
	on point (max. vertical load per suspension point	
with 8 m	im steel rope	EUR / piece(s)
□ 1.7	suspension point from pre-rigg or fixed point,	
	with open end	215.50 piece(s)
□ 1.8	suspension point from pre-rigg or fixed point,	
	including wire rope clamp, for rental (info overleaf)	238.20 piece(s)
□ 1.9	power supply up to 3 kW to suspension point	
	from main supply (see Item 1.7 – 1.8)	92.50 piece(s)
□ 1.10	power supply up to 9 kW to suspension point	
	from main supply (see Item 1.7 – 1.8)	
	(from 9 kW on request)	106.60 piece(s)
2. Sha	ading, trusses, hoisting for rental	
Shading	for light domes	
□ 2.1	in halls 1, 2, 4, 5, 6, 7, 8 and 9	110.20 piece(s)

Contractor '

SPIE SAG GmbH

Messezentrum

90471 Nürnberg

ServicePartnerCenter

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sag-messe@spie.com Hall/Stand

2

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2.1	in halls 1, 2, 4, 5, 6, 7, 8 and 9	110.20 piece(s)
2.2	in halls 3, 4A and 7A	164.15 piece(s)
2.3	installation of exhibitor's own material	on request

Truss-systems

2.4	suspension points – see Item 1 including necessary 4-point truss (300 x 300 mm) shaped parts 300 x 300 mm (corner pieces, angle piec other trusses and shaped parts	43.40 m
Hoistin	<u>g (in halls 3A, 3C, 4A, 7A and 11)</u>	
2.6	electric chain hoist D8+, 250 kg, lift 17 m,	
	at existing suspension point (Item 1.8)	227.50 piece(s)
2.7	motor controller for chain hoist motor (Item 2.6)	32.50 @ channel
2.8	manual chain hoist, 500 kg, lift 8 m, at existing	
	suspension point (Item 1.8), without assembly	61.70 piece(s)
3. W	ork according to outlay	
(fitter's	hourly rate including all additional charges)	EUR / hour
3.1	fitter	44.20 per hour
3.2	fitter with hydraulic work platform	80.65 per hour

3.2	fitter with hydraulic work platform	80.65	per hour
3.3	master craftsman/technician	66.75	per hour

4. Lighting

see order form for Accessories for suspension + lighting S2.17

All prices in EURO plus VAT at the statutory rate.

The ordered services have to be paid after receiving the invoices without delay. Issuing the invoice could take place <u>before</u> start of the event.

* If necessary, NürnbergMesse is entitled to have the service ordered provided by another ServicePartner. In this case, the customer will be notified of the other ServicePartner in good time. With our authorized signature below, we acknowledge acceptance of all items of the General and Special Terms of Business of NürnbergMesse incl. the information on data pro-tection and the General Terms of Business and the Special Conditions for Services of the ServicePartner. We can object to the romotional use of our data by NürnbergMesse GmbH at any time by letter (NürnbergMesse GmbH, Messezentrum, 90471 Nuremberg) or e-mail (data@nuernbergmesse.de)

____ piece(s)

48.70



Company

Hall/ Stand



Contractor: SPIE SAG GmbH

Special Conditions for Services provided by SPIE SAG GmbH (Suspension from hall roof)

Safety

- **1.** The following types of suspension are not permitted for safety reasons:
 - Suspension points used for securing stand components or exhibits
 - (stand components or exhibits must stand securely on their own)
 Suspended constructions with a rigid or non-positive connection to the hall floor
- **2.** Suspension constructions/points as far as the hand-over point may only be installed or changed by the responsible ServicePartner.
- **3.** The use of lifting equipment (chain hoists, motor-driven chain hoists etc.) is prohibited in halls 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 12. The use of such equipment in halls 3A, 3C, 4A, 7A and 11 must be approved by NürnbergMesse or SPIE SAG GmbH.
- 4. Use of wire rope clamps:
 - wire rope clamps are not suitable for use outdoors
 - ropes must not be damaged
 - the rope clamp must have noticeable spring pressure before use
 - to achieve full load capacity, the wire ropes must be free of grease, oil and rust
 - the rope end to be threaded through the clamp must be closed (tinned, shrink sleeve)
 - wire rope clamps may not be used singly (at least 2 points per object)

Wire rope clamps are used only for suspending static loads and are not suitable for moving, dynamic loads. To ensure maximum possible safety, it is recommended that several rope clamps are used for each suspended object and measures taken to prevent the object moving.

Any wire rope clamps ordered or required can be collected on payment of the rental charge and deposit from SPIE SAG GmbH in the ServicePartner-Center (in the store opposite hall 7A) during our regular working times on the official assembly and dismantling days and returned there after use.

Any wire rope clamps missing or not returned will be charged to the person collecting at the following prices plus a processing fee of EUR 50.00:

- Type 50 SV at EUR 23.63/each plus VAT at statutory rate
- Type 80 SV at EUR 59.46/each plus VAT at statutory rate

A rental charge of EUR 10/month will be made for wire rope clamps returned after the end of the official dismantling period.

Wire rope clamp with lifting eye nut

Type M12 (for 4 mm steel rope)Inside diameter of eye:30 mmOutside diameter of eye:55 mm

Type M20 (6-8 mm steel rope)Inside diameter of eye:40 mmOutside diameter of eye:72 mm

Further technical information on request!

Technical details - important information

- 1. SPIE SAG GmbH will provide the suspension point for the exhibitor in the desired position above the stand space and inside the stand limits if structural conditions permit. The construction to be suspended must be located within the stand space. SPIE SAG GmbH will check the feasibility of the desired fixing points based on the documents submitted and reserves the right to have the suspension loads and the rig used inspected by a structural engineer. This inspection is subject to a fee, which will be charged to the exhibitor.
- For the installation of suspension points, a plan of the stand is required which clearly shows the position of the stand in the hall and the exact position of each suspension point in the stand space together with its exact point load (plan with dimensions or to scale).
- 3. The maximum load capacity of each planned suspension point on the ceiling construction is 25 kg for halls 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 12 and 240 kg in halls 3A, 3C, 4A, 7A and 11. If applicable it's possible to place higher loads by statical calculation. If a suspension point ordered in halls 3A, 3C, 4A, 7A and 11 is not vertically below a fixed point, the suspension point will be provided by using a pre-rigg connected between two or more fixed points.
- **4.** Fixing the objects to be suspended (lighting trusses, spotlights, banners, flags, etc.) is the responsibility of the exhibitor, but can be carried out by SPIE SAG GmbH on request.
- 5. The power supply for the lighting system is always provided from the main supply of the stand.
- **6.** The electrical requirement for lighting etc. is to be included in the main supply and ordered on Form S2.10.

Further information

NürnbergMesse/SPIE SAG reserves the right to stipulate that the exhibitor must install load measurement systems. The load measurement systems are to be supplied, installed and operated exclusively by SPIE SAG GmbH.

Orders must be received in a complete and correct form within the deadline set for the respective event.

SPIE SAG GmbH is under no obligation to provide services for orders that do not meet these requirements.

The necessary structural tests and analyses for **suspensions need to be ordered 42 days** before the start of the event. Orders received after this deadline – insofar as SPIE SAG GmbH can still execute orders or make changes to existing orders of this kind – will be subject to a 25 % surcharge to reflect the shorter turnaround time and the greater amount of work involved.

Starting **21 days** before the start of the event, other items/services will be subject to a 25 % surcharge for fixed-price services or a 50 % surcharge for services based on the amount of time involved.

Further information and more of the <u>Special Conditions for Services</u> of SPIE SAG GmbH for suspension from the hall roof are available for inspection on our Internet site at <u>www.spie-servicepartner.de</u>.

Suspension from hall roof – plan of stand



 Return to

 SPIE SAG GmbH

 ServicePartnerCenter

 Messezentrum

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Company stamp:

S2.16

Hall/Stand

Plan of stand showing exact position(s) for mounting suspension points **Important: This plan is not for stand construction purposes!** The total weight of our suspended loads is: ______ kg.

Point 1 (P1): ____ kg / Point 2 (P2): ____ kg / Point 3 (P3): ____ kg / Point 4 (P4): ____ kg / Point 5 (P5): ____ kg / Point 6 (P6): ____ kg ...

We will use the following attachment gear: ____

The plans submitted are to show the contact details of the company appointed for planning work and be marked as implementation plan by the signature of the employee responsible. (Please submit 3 copies of detailed plans for approval.)

	Adjacent stand no.:														
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Please m	nark the followin	ig details or	<u>the plan:</u>				Scale 1:								
stand siz	ze (m ²), type of s ation of any cubi	stand (corne	er, head or in	-line stand)		(1 : 100 (1 : 50	– 1 m =	1 cm) 2 cm)						

With our authorized signature below, we acknowledge acceptance of all items of the General and Special Terms of Business of NürnbergMesse incl. the information on data pro-tection and the General Terms of Business and the Special Conditions for Services of the ServicePartner. We can object to the promotional use of our data by NürnbergMesse GmbH at any time by letter (NürnbergMesse GmbH, Messezentrum, 90471 Nuremberg) or e-mail (data@nuernbergmesse.de).

Suspension from hall roof – plan of stand



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Company stamp:

S2.16

Hall/Stand

Plan of stand showing exact position(s) for mounting suspension points **Important: This plan is not for stand construction purposes!** The total weight of our suspended loads is: ______ kg.

Point 1 (P1): ____ kg / Point 2 (P2): ____ kg / Point 3 (P3): ____ kg / Point 4 (P4): ____ kg / Point 5 (P5): ____ kg / Point 6 (P6): ____ kg ...

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Please m	nark the followin	ig details or	<u>the plan:</u>				Scale 1:								
stand siz	ze (m ²), type of s ation of any cubi	stand (corne	er, head or in	-line stand)		(1 : 100 (1 : 50	– 1 m =	1 cm) 2 cm)						

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