Anúncio Convite

Aquisição ao abrigo do Decreto-lei n.º 60/2018, de 3 de agosto

(Português)

Referência (indicar na proposta):	2021-05
Entidade Adjudicante:	UNINOVA – Instituto de Desenvolvimento de Novas Tecnologias PT501797173
Projecto:	tLOSS - Transformando o Cálculo de Perdas em Sistemas de Potência com Supercondutores de Alta Temperatura (referência: PTDC/EEIEEE/32508/2017_LISBOA-01-0145-FEDER-032508)
Data da Publicação:	*13-05-2021*
Prazo final da proposta:	3 dias uteis após a data da publicação
Objeto do contrato:	Fitas supercondutoras de alta temperatura crítica constituída de GdBaCuO
Características Técnicas:	139 metros de fita HTS Silver surround, front side 1 µm, back side 0.2 µm e Ic de ~580 amperes; 164 metros de fita HTS Cu surround layer, approx. 7 µm on each side e Ic de ~510 amperes; 140 metros de fita HTS Cu surround layer, approx. 10 µm + thin PbSn solder coating e Ic de 290 amperes. (comprimentos em amplitudes aproximadas)
Critério de Adjudicação:	Critério do mais baixo preço.
Critério de desempate:	Atendimento pleno as atividades laboratoriais fins do projeto.
Preço base (sem IVA):	32000,00 €
Condições de pagamento:	30 dias após a data de emissão da fatura.
Enviar proposta para:	compras@uninova.pt, jmmp@fct.unl.pt

Responsável pela avaliação de propostas: João Miguel Murta Pina

Gestor do Contrato:	João Miguel Murta Pina
Audiência prévia:	3 dias úteis após data notificação da proposta de adjudicação
ANEXOS	**Especificações técnicas detalhadas**

Invitation Announcement

Acquisition under Decree-Law n.º 60/2018, of 3 de August

(English)

Reference (indicate in the proposal):	2021-05
Contracting Authority:	UNINOVA – Instituto de Desenvolvimento de Novas Tecnologias PT501797173
Project:	tLOSS - Transformando o Cálculo de Perdas em Sistemas de Potência com Supercondutores de Alta Temperatura (referência: PTDC/EEIEEE/32508/2017_LISBOA-01-0145-FEDER-032508)
Publication Date:	*13-05-2021*
Proposal Deadline:	3 business days after the publication date
Subject of the contract:	High temperature superconducting tapes made up of GdBaCuO
Technical Characteristics:	139 meters of HTS tape Silver surround, front side 1 µm, back side 0.2 µm and Ic of ~580 amperes; 164 meters of HTS tape Cu surround layer, approx. 7 µm on each side and Ic of ~510 amperes; 140 meters of HTS tape Cu surround layer, approx. 10 µm + thin PbSn solder coating and Ic of ~290 amperes. (lengths with approximate amplitudes)
Selection criteria:	Lowest price criteria
Tiebreaker criteria:	Full compliance with laboratory purposes of the project.
Base Price (VAT not included)**:**	32000,00 **€**
Payment Conditions:	30 days after invoice.
Send proposals to:	compras@uninova.pt, jmmp@fct.unl.pt
Person in charge of proposals analysis:	João Miguel Murta Pina
Contract manager:	João Miguel Murta Pina
Prior hearing:	3 business days from the date of notification of award proposal
Annex:	**Detailed technical specifications**

ANEXO / ANNEX

1	Piece length: meters - 139 Width: 12 mm Critical current (Ic) (77 K, self-field): minimum value of 580A Thickness: 0.06 mm Silver overlayer thickness**: 1.2 microns +/- 0.5 microns Hastelloy substrate thickness: 0.05 mm Critical tensile stress***: 600 Mpa Copper stabilizer*:No Insulation: Yes; see below * Estimated based on thickness of the wire ** Substrate side (bottom) ~ 0.2 micron silver; HTS side (top) ~ 1.0 micron silver *** Less than 5% reduction in Ic from virgin state Insulation - (Polyimide Spiral Wrapping) 0.025 mm including adhesive with an average overlap percentage of 30% All other specifications are consistent with wire type as listed above

2	Piece length: meters - 164 Width: 12 mm Critical current (Ic) (77 K, self-field): minimum value of 510A Thickness: 0.08 mm Copper overlayer thickness**: 1.4 microns +/- 0.5 microns Hastelloy substrate thickness: 0.05 mm Critical tensile stress***: 500 Mpa Silver stabilizer*:No Insulation: Yes; see below * Estimated based on thickness of the wire ** Substrate side (bottom) ~ 0.7 micron copper; HTS side (top) ~ 0.7 micron copper *** Less than 5% reduction in Ic from virgin state Insulation - (Polyimide Spiral Wrapping) 0.025 mm including adhesive with an average overlap percentage of 30% All other specifications are consistent with wire type as listed above

3	Piece length: meters - 140.00 Width: 12.00 mm +/- 5% Critical current (Ic) (77 K, self-field): minimum value of 250 A Thickness:0.08 mm +/- 10% Copper overlayer thickness**: 10.0 microns +/- 0.5 microns Hastelloy substrate thickness: 0.05 mm Critical tensile stress***: >550 Mpa PbSn solder coating*: Yes; thickness*: 0.01mm +/- 0.01mm Insulation: Yes; see below * Estimated based on thickness of the wire ** Substrate side (bottom) ~ 5 micron copper; HTS side (top) ~ 5 micron copper *** Less than 5% reduction in Ic from virgin state Insulation - (Polyimide Spiral Wrapping) 0.025 mm including adhesive with an average overlap percentage of 30% All other specifications are consistent with wire type as listed above