Specification No.: R-781/2541

	PEA		
Item	Material	Quantity	Description
Ttem	No.	Quantity	Description
1	1020280000	pc(s)	Composite insulator tie, factory-formed, for attachment the 22 kV
		_	XLPE-insulated cable to the insulators; with:
			Construction : Composite rod with semi-conducting
			material as outer layer over a solid
			PVC core
			Type of tie : Top groove tie
			For outside diameter
			of cable, approximately: 13.5-15.5 mm (size 50 mm ²)
			Type of insulators : Pin-type insulators, (TIS 279 or
			ANSI C 29.6), class 56-2
2	1020280001	pc(s)	Ditto as Item 1, but
			For outside diameter
			of cable, approximately: 22.0-24.0 mm (size 185 mm ²)
3	1020280002	pc(s)	Ditto as Item 1, but
			For outside diameter
			of cable, approximately: 22.0-24.0 mm (size 185 mm ²)
			Type of insulators : 1) Pin-post insulators, (TIS 1251),
			class 56/57-2; and
			: 2) Line-post insulators, (TIS 1077 or
			ANSI C 29.7), class 57-2
	II		

Specification No.: R-781/2541

-	PEA		
Item	Material	Quantity	Description
	No.		•
4	1020280100	pc(s)	Composite insulator tie, factory-formed, for attachment the 33 kV
			XLPE-insulated cable to the insulators; with:
			Construction : Composite rod with semi-conducting
			material as outer layer over a solid
			PVC core
			Type of tie : Top groove tie
			For outside diameter
			of cable, approximately: 15.5-17.5 mm (size 50 mm ²)
			Type of insulators : Pin-type insulators, (TIS 279 or ANSI
			C 29.6), class 56-3
5	1020280101	pc(s)	Ditto as Item 4, but
			For outside diameter
			of cable, approximately: 24.5-26.5 mm (size 185 mm ²)
6	1020280102	pc(s)	Ditto as Item 4, but
			For outside diameter
			of cable, approximately: 24.5-26.5 mm (size 185 mm ²)
			Type of insulators : 1) Pin-post insulators, (TIS 1251),
			class 56/57-3; and
			: 2) Line-post insulators, (TIS 1077 or
			ANSI C 29.7), class 57-3
	II		

Specification No.: R-781/2541

	PEA			
Item	Material	Quantity		Description
Item	No.	Quantity		Description
7	1020280103	pc(s)	Ditto as Item 4, but	
			For outside diameter	
			of cable, approximately:	24.5-26.5 mm (size 185 mm ²)
			Type of insulators :	Line-post insulators, (TIS 1077 or ANSI C
				29.7), class 57-4
8	1020280003	pc(s)	Composite insulator tie, factor	ory-formed, for attachment the 22 kV XLPE-
			insulated cable to the insulated	ors; with:
			Construction :	Composite rod with semi-conducting
				material as outer layer over a solid PVC
				core
			Type of tie :	Angle side groove tie
			For outside diameter	
			of cable, approximately:	13.5-15.5 mm (size 50 mm ²)
			Type of insulators :	Pin-type insulators, (TIS 279 or ANSI
				C 29.6), class 56-2
9	1020280004	pc(s)	Ditto as Item 8, but	
			For outside diameter	
			of cable, approximately:	22.0-24.0 mm (size 185 mm ²)
	II			

Specification No.: R-781/2541

	PEA		
T4		0	Description
Item	Material	Quantity	Description
	No.		
10	1020280005	pc(s)	Ditto as Item 8, but
			For outside diameter
			of cable, approximately: 22.0-24.0 mm (size 185 mm ²)
			Type of insulators : 1) Pin-post insulators, (TIS 1251),
			class 56/57-2; and
			: 2) Line-post insulators, (TIS 1077 or
			ANSI C 29.7), class 57-2
11	1020280104	pc(s)	Composite insulator tie, factory-formed, for attachment the 33 kV
			XLPE-insulated cable to the insulators; with:
			Construction : Composite rod with semi-conducting
			material as outer layer over a solid
			PVC core
			Type of tie : Angle side groove tie
			For outside diameter
			of cable, approximately: 15.5-17.5 mm (size 50 mm ²)
			Type of insulators : Pin-type insulators, (TIS 279 or ANSI
			C 29.6), class 56-3
12	1020280105	pc(s)	Ditto as Item 11, but
			For outside diameter
			of cable, approximately: 24.5-26.5 mm (size 185 mm ²)
	II		

Specification No.: R-781/2541

	PEA		
Item	Material	Quantity	Description
	No.		
13	1020280106	pc(s)	Ditto as Item 11, but
			For outside diameter
			of cable, approximately: 24.5-26.5 mm (size 185 mm ²)
			Type of insulators : 1) Pin-post insulators, (TIS 1251),
			class 56/57-3; and
			: 2) Line-post insulators, (TIS 1077 or
			ANSI C 29.7), class 57-3
			Note:
			1. Composite insulator ties shall be similar to:
			- FARGO/U.S.A., or
			- MEPRO/Norway, or- equivalent
			2. The bidders have to supply three (3) pcs for each Item of the
			composite insulator ties as samples within fifteen (15) calendar
			days, counted from the Committee's request. The samples shall
			not be returned.
	11		
	II		

Invitation	to B	id No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
1	1020280000		Composite insulator tie	e, factory-formed, for attachment the 22 kV	pc(s)		
			XLPE-insulated cable to	the insulators; with:			
			Construction	:			
			Type of tie	: Top groove tie			
			For outside diameter				
			of cable, approximate	ely:			
			Type of insulators	: Pin-type insulators, (TIS 279 or ANSI C 29.6), class 56-2			
	II						

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
2	1020280001		Composite insulator tie, factory-formed, for attachment the 22 kV	pc(s)		
			XLPE-insulated cable to the insulators; with:			
			Construction :			
			Type of tie : Top groove tie			
			For outside diameter			
			of cable, approximately:			
			Type of insulators : Pin-type insulators, (TIS 279 or			
			ANSI C 29.6), class 56-2			
	17					
	II					

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
3	1020280002		Composite insulator tie	e, factory-formed, for attachment the 22 kV	pc(s)		
			XLPE-insulated cable to	the insulators; with:			
			Construction	:			
			Type of tie	: Top groove tie			
			For outside diameter				
			of cable, approximat	ely:			
			Type of insulators	: 1) Pin-post insulators, (TIS 1251), class			
				56/57-2; and			
				: 2) Line-post insulators, (TIS 1077 or			
				ANSI C 29.7), class 57-2			
	II						

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
4	1020280100		Composite insulator tie,	factory-formed, for attachment the 33 kV	pc(s)		
			XLPE-insulated cable to	he insulators; with:			
			Construction	:			
			Type of tie	: Top groove tie			
			For outside diameter				
			of cable, approximate	ly:			
			Type of insulators	: Pin-type insulators, (TIS 279 or			
				ANSI C 29.6), class 56-3			
	II						

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
5	1020280101		Composite insulator tie,	factory-formed, for attachment the 33 kV	pc(s)		
			XLPE-insulated cable to the	ne insulators; with:			
			Construction	:			
			Type of tie	: Top groove tie			
			For outside diameter				
			of cable, approximatel	y:			
			Type of insulators	: Pin-type insulators, (TIS 279 or			
				ANSI C 29.6), class 56-3			
	II						

Invitation	to Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
6	1020280102		Composite insulator tie, factory-formed, for attachment the 33 kV	pc(s)		
			XLPE-insulated cable to the insulators; with:			
			Construction :			
			Type of tie : Top groove tie			
			For outside diameter			
			of cable, approximately:			
			Type of insulators : 1) Pin-post insulators, (TIS 1251), class			
			56/57-3; and			
			: 2) Line-post insulators, (TIS 1077 or			
			ANSI C 29.7), class 57-3			
	II					

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.	Description		Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
7	1020280103		Composite insulator tie, factory-forme	ed, for attachment the 33 kV	pc(s)		
			$XLPE\mbox{-insulated cable to the insulators}\ ;$	with:			
			Construction :				
			Type of tie : Top groov	ve tie			
			For outside diameter				
			of cable, approximately:				
			Type of insulators : Line-post	insulators, (TIS 1077 or ANSI			
			C 29.7), c	lass 57-4			
	II						

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
8	1020280003		Composite insulator tie,	factory-formed, for attachment the 22 kV	pc(s)		
			XLPE-insulated cable to the	ne insulators; with:			
			Construction	:			
			Type of tie	: Angle side groove tie			
			For outside diameter				
			of cable, approximatel	y:			
			Type of insulators	: Pin-type insulators, (TIS 279 or ANSI C			
				29.6), class 56-2			
	II						

Invitation to F	Bid No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.	Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
9	1020280004		Composite insulator tie, factory-formed, for attachment the 22 kV	pc(s)		
			XLPE-insulated cable to the insulators; with:			
			Construction :			
			Type of tie : Angle side groove tie			
			For outside diameter			
			of cable, approximately:			
			Type of insulators : Pin-type insulators, (TIS 279 or			
			ANSI C 29.6), class 56-2			
	**					
	II					

Invitation t	o Bid No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
10	1020280005		Composite insulator tie,	factory-formed, for attachment the 22 kV	pc(s)		
			XLPE-insulated cable to	the insulators; with:			
			Construction	:			
			Type of tie	: angle side groove tie			
			For outside diameter				
			of cable, approximate	ly:			
			Type of insulators	: 1) Pin-post insulators, (TIS 1251), class			
				56/57-2; and			
				: 2) Line-post insulators, (TIS 1077 or			
				ANSI C 29.7), class 57-2			
	II						

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder:
Bid No.:

C4 Price schedule

Date:

Item	PEA Material No.	Catalogue No.	Des	cription	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
11	1020280104		Composite insulator tie, fact	ory-formed, for attachment the 33 kV	pc(s)		
			XLPE-insulated cable to the in	sulators; with:			
			Construction : .				
			Type of tie : A	Angle side groove tie			
			For outside diameter				
			of cable, approximately:.				
			Type of insulators : F	Pin-type insulators, (TIS 279 or			
			A	ANSI C 29.6), class 56-3			
	II	_					

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.	Description	Quanti	ity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
12	1020280105		Composite insulator tie, factory-formed, for	r attachment the 33 kV	pc(s)		
			$\ensuremath{XLPE}\xspace$ -insulated cable to the insulators ; with				
			Construction :				
			Type of tie : angle side groot	/e tie			
			For outside diameter				
			of cable, approximately:				
			Type of insulators : Pin-type insu	lators, (TIS 279 or			
			ANSI C 29.6), o	lass 56-3			
	II						

Invitation	to	Bid	No.:
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Manufacturer:

Trade-mark:

Country of origin:

Bidder : Bid No.:

Date:

Item	PEA Material No.	Catalogue No.		Description	Quantity	Unit Cost (See details & conditions attached)	Total Cost (See details & conditions attached)
13	1020280106		Composite insulator tie	e, factory-formed, for attachment the 33 kV	pc(s)		
			XLPE-insulated cable to	XLPE-insulated cable to the insulators; with:			
			Construction	:			
			Type of tie	: angle side groove tie			
			For outside diameter				
			of cable, approximate	ely:			
			Type of insulators	: 1) Pin-post insulators, (TIS 1251), class			
				56/57-3; and			
				: 2) Line-post insulators, (TIS 1077 or			
				ANSI C 29.7), class 57-3			
	II						