

Reference No.: APSCL/Pro-29/2022/241

Date: 03/03/2022

## Amended Price Schedule for Goods (Form PG4-3B)

**[Group B Tenders: Goods Manufactured outside Bangladesh, to be imported]**

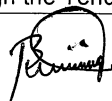
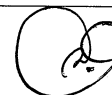
Invitation for Tender No:	As per tender notice.	Date:	As per tender notice.
Tender Package No:	R APP 2021-2022	Package Description:	[enter description as specified in Section 6]
Tender Lot No: Single lot		Lot Description:	[enter description as specified in Section 6]

1	2	3	4	5	6	7	8	9	10	
Item No.	Description of Item	Country of Origin	Unit of Measurement	Quantity	Unit price CFR (Cost Plus Freight) [insert port of destination] [FC]	CFR price per Line Item (Col. 5 x 6) [FC]	Inland transportation with loading-unloading cost, Port Handling Charges with C&F Agency cost and others [BDT]	VAT Payable on account of Supplier if the Contract is awarded [BDT]	Total Price per line item	
									FC (Col. 7)	BDT (Col. 8)
01.	<b>132 KV Current Transformer (CT)</b> Rated system voltage: 132 kV, Maximum voltage level: 145 kV, Rated primary current, In: 400-800-1200-1600 A, Rated continuous thermal current: 1.2In, Frequency: 50Hz, Type of Insulator: Composite, Manufacturer: PFIFFNER/ABB/SEIMENS/TRENCH/EMEK (Subject to meet the required technical specifications), Country of Origin: EU/G-7/Turkey. (As per technical Specifications)	EU/G-7/ Turkey	Pc	12						
							Total Price for Lot			
Point of Delivery as per Schedule of Requirement: Store of Ashuganj Power Station Company Ltd. (APSCL).							Period of Delivery as per Schedule of Requirement: 180 days from the date of L/C opening.			

\*If any agency commission is granted to the Local agent, it should be included in the unit price.

\*Price offered in foreign currency (FC) &amp; Bangladeshi Taka (BDT).

Name:	[insert full name of signatory]	Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[ Sign]
Duly authorized to sign the Tender for and on behalf of the Tenderer		

## Amended Specifications Submission and Compliance Sheet (Form PG4-4)

Invitation for Tender No. & Date:	As per tender notice		
Tender Package No:	RAPP 2021-2022	Package Description:	<i>[enter description as specified in Section 6]</i>
Tender Lot No: Single		Lot Description:	<i>[enter description as specified in Section 6]</i>

### Procurement of 132 KV Current Transformer for Sub-Station Division of APSCL.

Item No.	Name of Goods / APSCL's Requirement			Full Technical Specifications and Standards (To be filled by the tenderer)	
1	2		5		
	Description	Unit	APSCL requirement	Note 1	
01	1.	Manufacturer Name	-	PFIFFNER/ABB/ SEIMENS/TRENCH/EMEK	
	2.	Type	-	To be filled	
	3.	Country of origin	-	G-7/EU/Turkey	
	4.	Make & Model no.	-	To be filled	
	5.	Applicable Standard	-	IEC 61869-1/2	
	6.	Service Condition	-	Outdoor	
	7.	Rated system voltage	kV	132	
	8.	Maximum voltage level	kV	145	
	9.	Rated system frequency	Hz	50	
	10.	Rated primary current, I <sub>n</sub>	A	400-800-1200-1600	
	11.	Rated continuous thermal current	%	1.2I <sub>n</sub>	
	12.	Rated short time current (I <sub>th</sub> ) for 1 second	kA	Equal or more than 50	
	13.	Rated dynamic current (I <sub>dyn</sub> )	kA	Equal or more than 100	
	14.	Power frequency withstand voltage of primary (Dry)	kV	Equal or more than 275	
	15.	Power frequency withstand voltage of secondary	kV	Equal or more than 3	
	16.	Impulse withstand voltage (1.2/50 μs)	kV	Equal or more than 650	

*[Signature]*

*[Signature]*

Item No.	Name of Goods / APSCl's Requirement			Full Technical Specifications and Standards (To be filled by the tenderer)	
1	2			5	
	Description	Unit	APSCl requirement	Note 1	
17.	Specific Creepage Distance (SCD)	mm/kV	Equal or more than 25		
18.	Total creepage distance	mm	Equal or more than 3625		
19.	Type of Insulator	-	Composite		
20.	Total Weight	Kg	To be filled		
21.	Oil weight	Kg	To be filled		
22.	Type of Oil	-	To be filled		
23.	Language of rating plate	-	English		
24.	Number of secondary	-	4		
25.	Primary terminal marking	-	To be filled		
26.	Insulating Medium	-	To be filled		
27.	Primary Terminal Type		To be filled		
28.	Test report and Name plate language		English		
29.	Tan delta point		Yes		
30.	CT Clamp		Must be provided		
31.	Tan delta Value	%	Not more than 0.5%		
32.	Core-1	Terminal marking	-	1S1,1S2, 1S3,1S4	
		Current ratio	A	400-800-1200-1600/1	
		Accuracy Class	-	5P20	
		Rated Burden	VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1	
		Knee point voltage	V	To be filled	
		Secondary winding	Ω	To be filled	

*B. -*  
*P. -*

20

Item No.	Name of Goods / APSCCL's Requirement			Full Technical Specifications and Standards (To be filled by the tenderer)		
1	2			5		
	Description	Unit	APSCCL requirement	Note 1		
33.	Core-2	resistance				
		Terminal marking	-	2S1,2S2, 2S3,2S4		
		Current ratio	A	400-800-1200-1600/1		
		Accuracy Class	-	0.5FS10		
		Rated Burden	VA	30		
		Secondary winding resistance	$\Omega$	To be filled		
	34.	Core-3	Terminal marking	-	3S1,3S2, 3S3,3S4	
			Current ratio	A	400-800-1200-1600/1	
			Accuracy Class	-	5P20	
			Rated Burden	VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1	
			Knee point voltage	V	To be filled	
	35.	Core-4	Secondary winding resistance	$\Omega$	To be filled	
Terminal marking			-	4S1,4S2, 4S3,4S4		
Current ratio			A	400-800-1200-1600/1		
Accuracy Class			-	5P20		
Rated Burden			VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1		
		Knee point voltage	V	To be filled		

*[Handwritten signature]*

*[Handwritten signature]*

Item No.	Name of Goods / APSCl's Requirement			Full Technical Specifications and Standards (To be filled by the tenderer)
1	2			5
	Description	Unit	APSCl requirement	Note 1
	Secondary winding resistance	$\Omega$	To be filled	

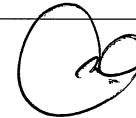
**Note 1:**

[The Tenderer should complete all the columns]

**Note 2:**

Tenderer shall submit above-mentioned required Manufacturer data properly filled by manufacturer on their Official Pad with submission of related supporting documents and seal & signed by Manufacturer.

Signature:	<i>[insert signature of authorized representative of the Tenderer]</i>
Name:	<i>[insert full name of signatory]</i>
In the capacity of:	<i>[insert designation of signatory]</i>
Duly authorized to sign the Tender for and on behalf of the Tenderer	

## Amended Section 6. Schedule of Requirements

Invitation for Tender No. & Date:	As per tender notice
Tender Package No:	R APP 2020-2021

### A. List of Goods and Delivery Schedule

When completing Form PG4-3A, 3B & 3C the Tenderer shall quote prices and contract delivery dates for each lot separately, as specified in the List of Goods and Delivery Schedule.

Sl. No	Description of the item	Unit of Measurement	Quantity	Point of Delivery (Final project site)	Completion time (in days)
01.	<b>132 KV Current Transformer (CT)</b> Rated system voltage: 132 kV, Maximum voltage level: 145 kV, Rated primary current, In: 400-800-1200-1600 A, Rated continuous thermal current: 1.2In, Frequency: 50Hz, Type of Insulator: Composite, Manufacturer: PFIFFNER/ABB/SEIMENS/TRENCH/EMEK (Subject to meet the required technical specifications), Country of Origin: EU/G-7/Turkey. (As per technical specifications)	Pc	12	At APSCL Store.	180 days from the date of L/C opening.

In the capacity of:

Duly authorized to sign the Tender on behalf of the Tenderer.

Date:




## Amended Section 7. Technical Specifications

### Procurement of 132 KV Current Transformer for Sub-Station Division of APSCL.

The Goods and Related Services shall comply with following Technical Specifications:

Sl. No	Description of the item			Unit of Measurement	Qty.	
	Description	Unit	APSCL requirement			
01.	1.	Manufacturer Name	-	PFIFFNER/ABB/SEIMENS/TRENCH/EMEK	Pc	12 (Twelve)
	2.	Type	-	To be filled		
	3.	Country of origin	-	G-7/EU/Turkey		
	4.	Make & Model no.	-	To be filled		
	5.	Applicable Standard	-	IEC 61869-1/2		
	6.	Service Condition	-	Outdoor		
	7.	Rated system voltage	kV	132		
	8.	Maximum voltage level	kV	145		
	9.	Rated system frequency	Hz	50		
	10.	Rated primary current, I <sub>n</sub>	A	400-800-1200-1600		
	11.	Rated continuous thermal current	%	1.2I <sub>n</sub>		
	12.	Rated short time current (I <sub>th</sub> ) for 1 second	kA	Equal or more than 50		
	13.	Rated dynamic current ( I <sub>dyn</sub> )	kA	Equal or more than 100		
	14.	Power frequency withstand voltage of primary ( Dry)	kV	Equal or more than 275		
	15.	Power frequency withstand voltage of secondary	kV	Equal or more than 3		
	16.	Impulse withstand voltage (1.2/50 μs)	kV	Equal or more than 650		
	17.	Specific Creepage Distance (SCD)	mm/kV	Equal or more than 25		
	18.	Total creepage distance	mm	Equal or more than 3625		
	19.	Type of Insulator	-	Composite		
	20.	Total Weight	Kg	To be filled		
	21.	Oil weight	Kg	To be filled		
	22.	Type of Oil	-	To be filled		
	23.	Language of rating plate	-	English		
	24.	Number of secondary	-	4		
	25.	Primary terminal marking	-	To be filled		
	26.	Insulating Medium	-	To be filled		
	27.	Primary Terminal Type	-	To be filled		
	28.	Test report and Name plate language	-	English		
	29.	Tan delta point	-	Yes		
	30.	CT Clamp	-	Must be provided		

*Handwritten signature*

*Handwritten signature*

Sl. No	Description of the item			Unit of Measurement	Qty.
	Description	Unit	APSCL requirement		
31.	Tan delta Value		%	Not more than 0.5%	
32.	Core-1	Terminal marking	-	1S1,1S2, 1S3,1S4	
		Current ratio	A	400-800-1200-1600/1	
		Accuracy Class	-	5P20	
		Rated Burden	VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1	
		Knee point voltage	V	To be filled	
		Secondary winding resistance	$\Omega$	To be filled	
33.	Core-2	Terminal marking	-	2S1,2S2, 2S3,2S4	
		Current ratio	A	400-800-1200-1600/1	
		Accuracy Class	-	0.5FS10	
		Rated Burden	VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1	
		Secondary winding resistance	$\Omega$	To be filled	
34.	Core-3	Terminal marking	-	3S1,3S2, 3S3,3S4	
		Current ratio	A	400-800-1200-1600/1	
		Accuracy Class	-	5P20	
		Rated Burden	VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1	
		Knee point voltage	V	To be filled	
		Secondary winding resistance	$\Omega$	To be filled	
35.	Core-4	Terminal marking	-	4S1,4S2, 4S3,4S4	
		Current ratio	A	400-800-1200-1600/1	
		Accuracy Class	-	5P20	
		Rated Burden	VA	30 for 400/1, 30 for 800/1, 30 for 1200/1, 30 for 1600/1	
		Knee point voltage	V	To be filled	
		Secondary winding resistance	$\Omega$	To be filled	

In the capacity of:  
Duly authorized to sign the Tender on behalf of the Tenderer.  
Date: