## BILL OF QUANTITIES FOR REHABILITATION OF CORRDED TOWERS & SUBSTSTION STRUCTURES - 2025

<u>Sr No</u>	IIT <u>EM DESCRIPTIO</u> N	UNIT	QTY	RATE.	TENDER AMOUNT
	SCHEDULE A-PRELIMINARIES				
A	Preliminaries				
1	Mobilization for all equipment,machines ,dry run tests,calibration,critical spares ,drills ad the likes as per -Materilal Safety data sheet(MDS) including all statutory legislation,Project registration,occupational legislation and approvals,coating applicators accreditation.	ITEM	1		
2	Allow for General accessibility to the tower location including all clearing and the like including KWS park fees	ITEM	7		
3	Rust grade determination and generation of preliminary report as per AMPP Standard method of evaluation and submit a copy of AMPP standard specification NACE SPO415-2015-IEEE Std 1895-2014-Submitted after Kick off	ITEM	1		
4	Allow for facilitation for comunication, Phone, data storage, laptops and hard drives For PM & CIT Allow provisional sum 1,500,000	Lot	1		
	and man				
	Total to summary				

<u>Sr No</u>	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SCHEDULE-B -OLKARIA 122 KV TOWERS				
С	Rehabilitation grades A,B,C Corrosion Lattice towers 132- 220kv Voltage levels (tower steel tonnage 12-15 Tonnes)				
1	Surface preparation -Surface cleaning with removal of rust/Brush/grinding	Nos.	7		
2	Sand blasting with grit/preasure wash to final surface profile and allow for ellection and containent and safe disposal of used blast material	Nos.	7		
3	Allow for Environmental/Bressle patch/Blast profile measurements	Nos.	7		
4	Coating application -Cold galvanizing 2 x 60 microns to cumilative 95-120 micron with WFT and DFT measurements.	Nos.	7		
5	Allow for specific access & Logistical challenge where applicable within park ,restoration of flora where needed.	Item	1		
	an In the				
	Total to summary				-

<u>Sr No</u>	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SCHEDULE-C-WEBUYE 132KV METERING SS				
C	Rehabilitation Grade All Grades Corrosion on				
	SUBSTATION Structures as follows -				
	132kv Gantries and busbar -125sq m each				
	Isolators lattice -36sqm each				
	CT/VT/SD -20sqm each				
	Standalone Post Insulators -20sqm each				
	Edges ,surfaces ,gratings ,and like in substation-200sm				
1	Surface preparation -Surface cleaning with removal	SM	2200		
-	of rust/Brush/grinding-Controlled under supervision	5101	2200		
2	Allow for Environmental/Bressle patch/Blast profile measurements	Item	1		
3	Sand blasting with grit/preasure wash to final surface profile	SM	2200		
4	Coating application -Cold galvanizing 2 x 60 microns to cumilative 95-120 micron with WFT and DFT measurements.	SM	2200		
5	Allow for shields ,containment,switchgear protection agaist water of abrasion damage.	Item	1		
	Total to summary				_

<u>Sr No</u>	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SCHEDULE- D-Q.A & MAINTAINACE				
D	(Quality Control & Assurance, Spares				
	Rehabilitation of Tower stub columns and painting with black bituminous paints or 'alternative on the same	Towers	7		
1	Allow 5% Coating paint, Brushes, spray guns and portable blast		7		
2	kit,thinners,for maintainance by client)	Item	1		
3	AMPP approved Courses for 3 no. engineersFull facilitation.	lot	1		
4	Allow for attendance by clients in shutdown facilitation/idle dayworks and machine standby/Accelerated perfomance/triple mobilization and likeAllow for 5 spread Shutdowns for Webuye and 5 spread shutdowns for Olkaria-10.Nos.	Item	1		
5	Allow to replace worn out bracings (receive from KPLC designated nearest yard)-Allow 350,000	Item	1		
6	Allow for final surface coating measurement Project Report/ And compliance certificate from coatings manufacturer/Agent/CIP2 inspector	Item	1		
7	Supply 1 set of corrosion testing kit ,2no. Tooke gauges to client including calibration	Item	1		
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	Total to summary				

	SUMMARY PAGE						
	Total to Summary Item A						
	Total to Summary Item B						
	Total to Summary Item C						
	Total to Summary Item D						
	TOTAL						
	Add 0.03% Levy						
	Add 16% VAT						
	TOTAL TO FORM OF TENDER & SUMMARY PAGE						
	AMOUNT IN						
	WORDS	• • • • • • • • • • • • • • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •			
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	COMPANY NAME	CICN		CT A MD			
	COMPANT NAME	SIGN.	••••••	STANIF	••••••		
	PROPOSED WORK DURATION IN WEEKS18 MONTHS						
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