

BILL OF QUANTITIES FOR CORRODED TOWER REHABILITATION (MARCH 2024)					
Sr No	ITEM DESCRIPTION	1 UNIT	1 QTY	RATE.	AMOUNT
SCHEDULE A-PRELIMINARIES					
A	Preliminaries				
1	Mobilization including all statutory legislation,Project registration,occupational legislation and approvals-	ITEM	1		
2	Allow for General accessibility to the tower location including all clearing and the like	ITEM	22		
3	Salt level measurements and corrosion levels determination and generation of report to justify categories as per grading/inspection report	ITEM	1		
4	Allow for facilitation for communication,Phone,data storage, laptops and hard drives For PM,PE & CIT 5no. Project Staff. Allow provisional sum 1,500,000	Lot	1		
	Total to summary				
SCHEDULE-B -RUST GRADE D/C					
Sr No	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Rehabilitation Grade 'D&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.	5		
2	Sand blasting with grit/pressure wash to final surface profile	NOS.	5		
3	Blast profile measurement report	Item	5		
4	Coating application -Cold galvanizing 2 x 60 microns to cumulative 95-120 micron	Nos.	5		
5	Allow for specific access & Logistical challenge where applicable	Item	1		
	Total to summary				
SCHEDULE-C -RUST GRADE A/B					
C	Rehabilitation Grade A& B Corrosion Lattice towers 132-220kv Voltage levels (tower steel tonnage 12-15 Tonnes)	UNIT	QTY	RATE	AMOUNT
1	Surface preparation -Surface cleaning with removal of rust/Brush/grinding	Nos.	17		
2	Sand blasting with grit/pressure wash to final surface profile	Nos.	17		
3	Blast profile measurement	Nos.	17		
4	Coating application -Cold galvanizing 2 x 60 microns to cumulative 95-120 micron	Nos.	17		
5	Allow for specific access & Logistical challenge where applicable	Item	1		
	Total to summary				

SCHEDULE-D-PLANE SURFACES & AREAS					
Sr No	ITEM DESCRIPTION	UNIT	QTY	RATE	AMOUNJ
D	Rehabilitation Grade 'B & C Corrosion on SUBSTATION switchgear,Power Trnsformer and the like (various locations)				
2	Surface preparation -Surface cleaning with removal of rust/Brush/grinding-Controlled under supervision	SM	100		
3	Sand blasting with grit/pressure wash to final surface profile	SM	100		
5	Coating application -Cold galvanizing 2 x 60 microns to cumilative 95-120 micron-SPRAY only	SM	100		
	Total to summary				
SCHEDULE- E-Q.A & MAINTAINACE					
E	(Quality Control & Assurance,Spares	UNIT	QTY	RATE	AMOUNJ
1	Rehabilitation of Tower stub columns and painting with black bituminous paints or 'alternative on the same	Towers	22		
2	Allow 5% Coating paint,Brushes,spray guns thinners,for maintainanceeffor client)	Item	1		
3	Corrosion certification course for CIP Level I-2 engineers & CIP II-3 Engineers	Lot	1		
4	Allow for attendance by clients in shutdown facilitation/idle dayworks and machine standby.	Item	1		
5	Allow to replace worn out bracings (receive from KPLC designated nearest yard)	Item	1		
6	Allow for final surface coating measurement Project Report/ And compliance certificate from coatings manufacturer/Agent	Item	1		
7	Supply 2 sets of corrosion testing kit to client including calibration and induction of 5 No. Transmission team leaders localy	Item	1		
	Total to summary				
GRAND SUMMARY					
	Total to Summary Item A				
	Total to Summary Item B				
	Total to Summary Item C				
	Total to Summary Item D				
	Total to Summary Item E				
	GRAND TOTAL				
	AMOUNT IN WORDS :.....				
	NAME OF COMPANY.....				
	SIGN AND ■ STAMP.....				
	PROPOSED PROJECT PERIOD (State).....Weeks				