



RURAL ELECTRIFICATION AGENCY

ENERGY = EMPOWERMENT = EFFICIENCY

STANDARD BIDDING DOCUMENT

FOR

**PREQUALIFICATION OF CONTRACTORS FOR
2020 CAPITAL PROJECTS**

CATEGORY D: SOLAR STREET LIGHTS

LOT NUMBER & PROJECT TITLE:

LOT D198 : SUPPLY AND INSTALLATION OF SOLAR POWERED STREETS LIGHTS AT 50 NOS TSANGAYA (UNDER TSANGAYA DEVELOPMENT AREA) IN JIGAWA NORTH EAST SENATORIAL DISTRICT, AND ADDITIONAL 25 NOS EACH AT EIGHT (8) LGA COUNCILS OF JIGAWA NORTH EAST SENATORIAL DISTRICT, JIGAWA STATE. A TOTAL OF 250 SOLAR POWERED STREET LIGHT

Name of Procuring Entity: RURAL ELECTRIFICATION AGENCY

Invitation for Tender No: LOT D198

Advert No. 1

Issued on: 25TH MAY, 2020

Tender Package No: REA/CP/2020/D198

MAY, 2020

Table of Contents

Invitation for Tenders	.....Error! Bookmark not defined.		1
A. General	.....		1
1.	Scope of Tender	.....	1
2.	Source of Funds	.....	1
3.	Corrupt, Fraudulent, Collusive or Coercive Practices	.....	1
4.	Eligible Tenderers	.....	2
5.	Eligible Materials, Equipment and Services	.....	2
6.	Site Visit	.....	16
B. Tender Document	.....		5
7.	Tender Document Sections	.....	5
8.	Clarifications	.....	5
9.	Pre-Tender Meeting	.....	6
10.	Amendments	.....	6
C. Evaluation and Qualification Criteria	.....		17
11.	Experience Criteria	.....	18
12.	Financial Criteria	.....	18
13.	Personnel Capacity	.....	18
14.	Equipment Capacity	.....	18
15.	Joint Venture, Consortium or Association (JVA)	.....	18
D. Tender Preparation	.....		19
16.	Only one Tender	.....	19
17.	Preparation Costs	.....	19
18.	Language	.....	19
19.	Contents of the Tender	.....	19
20.	Tender Submission Sheet and Bill of Quantities	.....	19
21.	Alternative Tenders	.....	20
22.	Tender Prices and Discounts	.....	20
23.	Tender Currency	.....	20
24.	Documents Establishing Eligibility of the Tenderer	.....	20
25.	Documents Establishing the Eligibility and Conformity of Materials, Equipment and Services	.....	21
26.	Documents Establishing the Conformity of the Technical Specification	.....	21
27.	Documents Establishing the Tenderer's Qualifications	.....	21
28.	Tenderer Disqualification	.....	Error! Bookmark not defined.
29.	Tender Validity	.....	22
30.	Tender Security	.....	22
31.	Tender Format and Signing	.....	Error! Bookmark not defined.
E. Tender Submission	.....		24
32.	Tender Sealing and Marking	.....	24
33.	Submission Deadline	.....	24
34.	Late Tenders	.....	24
35.	Modification, Substitution or Withdrawal	.....	24

F.	Tender Opening and Evaluation	25
36.	Tender Opening.....	25
37.	Confidentiality.....	25
38.	Clarification.....	26
39.	Tenderer Contacting the Employer.....	26
40.	Tender Responsiveness.....	26
41.	Non-conformities, Errors, and Omissions.....	27
42.	Correction of Arithmetical Errors.....	27
43.	Preliminary Examination.....	27
44.	Technical Evaluation.....	28
45.	Financial Evaluation.....	28
46.	Preference for Domestic Tenders.....	29
47.	No Negotiations.....	29
48.	Lowest Evaluated Tender.....	29
49.	Post-qualification.....	29
50.	Employer's Right to Accept or to Reject Any or All Tenders.....	30
G.	Contract Award	30
51.	Award Criteria.....	30
52.	Notification of Award.....	30
53.	Performance Security.....	30
54.	Contract Signing.....	30
56.	Adjudicator.....	31
57.	Tenderer's Right to Complain.....	31
Section 2.	Special Instructions to Tenderers	31
A.	General	32
B.	Tender Document	32
C.	Evaluation and Qualification Criteria	32
D.	Preparation of Tender	33
E.	Submission of Tender	34
F.	Opening and Evaluation of Tender	35
G.	Award of Contract	35
Section 3.	General Conditions of Contract	36
A.	General	36
1.	Definitions.....	36
2.	Contract Documents.....	38
3.	Corrupt, Fraudulent, Collusive or Coercive Practices.....	38
4.	Interpretation.....	41
5.	Documents Forming the Contract and Priority of Documents.....	41
6.	Eligibility.....	42
7.	Governing Language.....	42
8.	Governing Law.....	42
9.	Gratuities / Agency fees.....	42
10.	Joint Venture, Consortium or Association (JVA).....	42
11.	Confidential Information.....	42
12.	Communications and Notices.....	43
13.	Copyright.....	43
14.	Assignment.....	43

15.	Sub-Contracting	44
16.	Other Contractors	44
17.	Contractor's Responsibil- ities	44
18.	Employer's Responsibil- ities	44
19.	Scope of Works	44
20.	Contract Price	44
21.	Engineer's Decisions	44
22.	Queries about the Contract conditions	44
23.	Delegation	45
24.	Contractor's Personnel	45
25.	Approval of the Contractor's Temporary Works	45
26.	Instructions	45
27.	Site Investigation Reports	45
28.	Possession of the Site	45
29.	Access to the Site	46
30.	Safety, Security and Protection of the Environment	46
31.	Discoveries	46
32.	Welfare of Labour	46
33.	Minimum Wage.....	46
34.	No Work on holidays	46
35.	Employer's and Contractor's Risks.....	46
36.	Employer's Risks	47
37.	Contractor's Risks	47
38.	Insurance	47
39.	Taxes and Duties	48
40.	Limitation of Liability.....	48
41.	Force Majeure	48
B.	Time Control.....	49
42.	The Works to Be Completed by the Intended Completion Date.....	49
43.	Programme of Works	49
44.	Pro Rata Progress	49
45.	Early Warning	49
46.	Extension of the Intended Completion Date	50
47.	Acceleration	50
48.	Delays Ordered by the Engineer	50
49.	Management Meetings	50
C.	Quality Control.....	51
50.	Contractor to Construct the Works.....	51
51.	Works open to Inspection.....	51
52.	Identifying Defects.....	51
53.	Tests	51
54.	Examination of Work before covering up.....	51
55.	Correction of Defects	51
56.	Uncorrected Defects.....	51
D.	Cost Control.....	52
57.	Bill of Quantities	52
58.	Changes in the Quantities.....	52
59.	Variations	52
60.	Payments for Variations	52
61.	Cash Flow Forecasts.....	53

62.	Payment Certificates	53
63.	Payments	53
64.	Compensation Events.....	54
65.	Change in Laws and Regulations	55
66.	Price Adjustment	55
67.	Retention	56
68.	Liquidated Damages.....	56
69.	Bonus.....	56
70.	Advance Payment.....	57
71.	Performance Security	57
72.	Dayworks	57
73.	Cost of Repairs	57
E.	Completion of the Contract	58
74.	Completion	58
75.	Taking Over.....	58
76.	Final Account	58
77.	As-built Drawings and Manuals.....	58
F.	Termination and Settlement of Disputes	58
78.	Termination	59
79.	Payment upon Termination	60
80.	Property	61
81.	Frustration of Contract	61
82.	Settlement of Disputes	61
Section 4.	Special Conditions of Contract.....	63
Section 5.	Tender and Contract Forms	67
	Tender Submission Sheet (Form W-1)	68
	Tenderer Information Sheet (Form W-2).....	69
	Bank Guarantee for Tender Security (Form W-3)	73
	Notification of Award (Form W-4).....	74
	Contract Agreement (Form W-5).....	75
	Bank Guarantee for Performance Security (Form W-6)	76
	Bank Guarantee for Advance Payment (Form W-7)	77
Section 6.	Bill of Quantities	78
Section 7.	General Specifications.....	78
Section 8.	Particular Specifications	84
Section 9.	Drawings.....	86

Notice to Users

1. This Standard Bidding Document (SBD) has been prepared by the Bureau of Public Procurement for the Procurement of Works and Related Services under National Competitive Tendering (NCT) when financed by the National Budget and to enable a Procuring Entity to select the lowest evaluated tender. It can also be used for International Competitive Bidding (ICB).
2. This STD dated 25th May, 2020 is in accordance with the Procurement Act, and the policies and procedures of the Regulations for Goods and Works, among others paragraphs 10-12 regarding the eligibility of Tenderers, and has been adapted to the needs of Nigeria from internationally acceptable model formats. The STD when properly completed will provide all the information that a Tenderer needs in order to prepare and submit a Tender. This should provide a sound basis on which the Procuring Entity can fairly, transparently and accurately carry out a Tender evaluation process on the Tenders submitted by the Tenderers.
3. This STD can be used when prequalification has been or has not been used. In the case of prequalification, for which the Standard Prequalification Document applies, this STD may have to be adjusted to include the prequalification results.

Applicants for REA prequalification are advised to note that SECTIONS 1- 4 of this document are applicable to prequalification and should read these sections thoroughly before preparing their prequalification documents. Sections 5-9 will be relevant when submitting Financial Tender for those who prequalification bids are successful.

IFT **Invitation for Tender (IFT):** This is a repeat of the IFT which was published in the media and on the website of the Procuring Entity announcing the Tender and providing the essential information to prospective Tenderers to invite them to participate. It is reprinted here for reference purposes only



RURAL ELECTRIFICATION AGENCY

INVITATION FOR PRE-QUALIFICATION OF CONTRACTORS FOR RURAL ELECTRIFICATION PROJECTS UNDER THE 2020 APPROPRIATION ACT

1.0 INTRODUCTION

The Federal Government of Nigeria has allocated funds to the Rural Electrification Agency (REA) under the 2020 Appropriation Act to carry out electrification projects...

2.0 SCOPE OF WORKS

- LOT No. PROJECT TITLE
A001 COMPLETION OF ELECTRIFICATION OF SHAGUNU
A002 REHABILITATION /CONSTRUCTION AND COMPLETION OF RURAL ELECTRIFICATION IN DONGIN JOS NORTH PLATEAU STATE

- A045 RURAL ELECTRIFICATION PROJECT IN KONSHISHA/VANDEIKYA BENUE STATE
A046 COMPLETION OF RURAL ELECTRIFICATION SCHEME: COMPLETION OF KEFFI, CITATA TO PAUDA, NASARAWA STATE
A047 RURAL ELECTRIFICATION PROJECT IN AKWANGA/NASS-EGGON /WAMBA, NASARAWA STATE

ENERGY=EMPOWERMENT=EFFICIENCY

A095	POWER IMPROVEMENT IN AWGU	A159	COMPLETION OF ELECTRIFICATION TO AKARB WITH PROVISION OF TRANSFORMERS AT BOTH AKARE AND CHEDI, WUSHISHI LGA
A096	ELECTRIFICATION OF UMOKERE LAGWAI IN AROH, MBAISE LGA IMO STATE	A160	ELECTRIFICATION OF LAU - YARKO AND SURROUNDING COMMUNITIES, TARABA STATE
A097	PROVISION OF TRANSFORMERS/ELECTRIFICATION OF UMUOCHU FARM SETTLEMENT, NDIKE, ORUMBALGA, ANAMBRA	A161	ELECTRIFICATION OF GARHA AND SURROUNDING COMMUNITIES, ADAMAWA STATE
A098	EXTENSION OF HIGH TENSION LINE FROM BUNU TAI, TO KOROMA, WITH HIGH TENSION POLES AND ONE 300 KVA TRANSFORMER STATION AT TAI IN RIVERS SOUTH EAST SENATORIAL DISTRICT	A162	ELECTRIFICATION OF KIDA, BORNO STATE
A099	PROVISION AND INSTALLATION OF 500KVA 33KV TRANSFORMERS FOR 6 LGA, IMO NORTH SENATORIAL DISTRICT	A163	ELECTRIFICATION OF TUNARI IN WUKARI LOCAL GOVERNMENT, TARABA STATE
A100	SUPPLY OF 300KVA/33KV TRANSFORMERS, 6 LGAs, IMO NORTH SENATORIAL DISTRICT	A164	ELECTRIFICATION OF MARABA-GAYAMA, DONGAL LOCAL GOVERNMENT TARABA STATE
A101	ELECTRIFICATION AND SUPPLY OF TRANSFORMERS TO SELECTED COMMUNITIES IN ABIA CENTRAL SENATORIAL DISTRICT	A165	ELECTRIFICATION OF DIDAN KUREMI, TARABA STATE
A102	EXTENSION OF RURAL ELECTRIFICATION AND INSTALLATION OF TRANSFORMERS IN AMANKANU OF NKANU EAST WEST FED. CONSTITUENCY, ENUGU STATE	A166	PROVISION/INSTALLATION OF TRANSFORMERS IN SONG, GOMBI AND GIREI LOCAL GOVERNMENT AREAS OF ADAMAWA CENTRAL SENATORIAL DISTRICT
A103	PROVISION OF TRANSFORMERS IN OSUSU, NITGHA, UMUOHA, NSULU IN ISIALA NGWA NORTH LGA AND OBUBA OVIQVI, MBUTU, AMAOBI IN ISIALA NGWA SOUTH LGA	A167	REHABILITATION OF BINISHEIK AND NGAMDU TOWNSHIP ELECTRIFICATION IN KAGALGA, BORNO STATE
A104	PROVISION AND INSTALLATION OF TRANSFORMERS FOR COMMUNITIES IN ABIA NORTH SENATORIAL DISTRICT	A168	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMERS AT DAMATURU/TARMUWA/GUBBA/GULANILGA OF YOBE STATE
A105	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMERS AT ONLIMO/OKIOWE/ISIALA/MBANO FED. CONSTITUENCY, IMO STATE	A169	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMERS AT YOLA NORTH/YOLA SOUTH/HIRE FED. CONSTITUENCY, ADAMAWA STATE
A106	SUPPLY/INSTALLATION OF 500 KVA TRANSFORMER IN ENUGU WUADIDI MARKET TOWN IN NJIKOKA LGA OF ANAMBRA STATE	A170	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMERS AT DIKWAMAFAKONDIUGA FED. CONSTITUENCY, BORNO STATE
A107	PROVISION/INSTALLATION OF 300 KVA TRANSFORMER IN ISINGGWU VILLAGE IN NPOR UNO/IDEMILI NORTH LGA OF ANAMBRA STATE	A171	ELECTRIFICATION OF MUCHALLA, MIJILI, DAHULI AND VINTINI RURAL COMMUNITIES IN MUBI NORTH SENATORIAL DISTRICT, ADAMAWA STATE
A108	PROCUREMENT/INSTALLATION OF 300 KVA TRANSFORMER AT NKWERE/ISUN/WANGEL/ENJABAFED. CONSTITUENCY, IMO STATE	A172	SUPPLY AND INSTALLATION OF 500KVA AND 200KVA TRANSFORMERS IN GOMBE CENTRAL SENATORIAL DISTRICT
A109	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT BENDE FED. CONSTITUENCY, ABIA STATE	A173	ONGOING COMPLETION OF MAYO-RENEWO AND TAU RURAL ELECTRIFICATION PROJECT IN ARDO-KOLA LGA, TARABA STATE
A110	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT IJHALA FED. CONSTITUENCY, ANAMBRA STATE	A174	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT MAIDUGURI METROPOLITAN FED. CONSTITUENCY, BORNO STATE
A111	COMPLETION OF RURAL ELECTRIFICATION PROJECT AND POWER ENHANCEMENT FOR AKOCHUKU/WOHA/FA/FE FED. CONSTITUENCY, ABIA STATE	A175	RURAL ELECTRIFICATION IN NUMAN-BILE OF NUMAN/DEMSA/LAMURDE FED. CONSTITUENCY
A112	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT ENUGU EAST/ISI-UZO FED. CONSTITUENCY, ENUGU STATE	A176	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT MAKAMA STREET DONGA, TARABA STATE
A113	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT MBATOLI/JAKEDURU FED. CONSTITUENCY, IMO STATE	A177	RURAL ELECTRIFICATION PROJECT IN YELWA, JALINGO, KAFIN BAWA, ANGUWAN MAGAJI, LOLUBA AND TOFIYO IN GOMBE SOUTH SENATORIAL DISTRICT, GOMBE STATE
A114	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT UKWA EAST/WEST FED. CONSTITUENCY, ABIA STATE	A178	EXTENSION OF ELECTRICITY AND INSTALLATION OF TRANSFORMERS IN ASKIRA/UBAHAWUL, BORNO STATE
A115	COMPLETION OF ONGOING ELECTRIFICATION AND CONSTRUCTION OF ACCESS ROAD TO OGO/OBODO/ISIENU/MAGUNZE, ENUGU STATE	A179	RURAL ELECTRIFICATION PROJECT IN MAFA & KONDIUGA SIMARI/NIMTILU, BORNO STATE
A116	PROCUREMENT AND INSTALLATION OF 300KVA TRANSFORMER AT UCHENABO/IBUCHIBU, ANAMBRA STATE	A180	SUPPLY AND INSTALLATION OF TRANSFORMERS IN TAKUM & DONGA, TARABA STATE
A117	PROCUREMENT AND INSTALLATION OF 300KVA TRANSFORMER AT AMOZALLA UWANI IN AFA/AFI LGA, ENUGU STATE	A181	ELECTRIFICATION OF DANGLUA TO GARIN ABBA, DAKASKO TO KAKA BISHIK IN POTISKUM LGA
A118	SUPPLY AND INSTALLATION OF TRANSFORMERS IN 6 LGAs, IMO NORTH SENATORIAL DISTRICT, IMO STATE	A182	CONNECTION OF DILALA VILLAGE TO THE NATIONAL GRID IN YUNUSARI LGA
A119	SUPPLY AND INSTALLATION OF TRANSFORMERS IN MBAITOLI/IKEDURU/FED. CONST.	A183	CONSTRUCTION OF RURAL ELECTRIFICATION SCHEME IN TONGO-YARDA-FUNAKAYE FED. CONST. GOMBE STATE
A120	SUPPLY AND INSTALLATION OF TRANSFORMERS IN ORLU/ORSU/ORSU EAST AND SOME COMMUNITIES	A184	RURAL ELECTRIFICATION PROJECTS FIKA/FUNE
A121	RURAL ELECTRIFICATION PROJECT IN IKEM-UNO RURAL ELECTRIFICATION PROJECT IN IS-UZO LOCAL GOVT. OF ENUGU STATE	A185	PROCUREMENT/INSTALLATION OF 200KVA TRANSFORMER AT BAKOR/DANJA FED. CONSTITUENCY, KATSINA STATE
A122	SUPPLY AND INSTALLATION OF TRANSFORMERS IN AKWETE, UKWA EAST LGA ABIA STATE	A186	RURAL ELECTRIFICATION IN KAURALGA, KADUNA STATE
A123	REHABILITATION OF RURAL ELECTRIFICATION SCHEME IN IKWO/EZA SOURHT LGA, EBONYI STATE	A187	REHABILITATION/CONSTRUCTION AND COMPLETION OF ELECTRIFICATION OF TSOHON KARMAZO
A124	SUPPLY AND INSTALLATION OF TRANSFORMERS AT VARIOUS LOCATIONS IN OGBARU LGA, ANAMBRA STATE	A188	INSTALLATION OF 500KVA TRANSFORMER IN ZURU COMMUNITY OF KEBBI STATE
A125	SUPPLY AND INSTALLATION OF TRANSFORMERS IN FEGGE, ODDAKPU, INLAND TOWN, AWADA, 33 IN ONITSHA NORTH AND SOUTH LGA, ANAMBRA STATE	A189	CONSTRUCTION OF HT STEEL TOWER ACROSS RIVER KADUNA AND EXTENSION OF POWER TO KEKE
A126	EXTENSION OF ELECTRICITY AND INSTALLATION OF TRANSFORMER IN UMUOGOBO-INYI, AGUIBIE, IGOGORO, UMUOGOBO, OLEPE (ETI) OBO-EZE NORTH, ENUGU	A190	REHABILITATION OF KWANAR BABALDU JANGARGARI ICT LINE AND CONSTRUCTION OF 33KVA LINE FROM JANGARGARI TO RUJI TO SAGU AND EXTENSION OF TDC AND UPGRADE OF SUBSTATION IN BUL-TALAGARI YAYANA TUKUR GWADAYI AND GONTSA TOWN, BOJI LGA, BIRNIN KUDU/BUJI FED. CONSTITUENCY
A127	SUPPLY TEN (10) UNITS OF 300KVA/33KV TRANSFORMER IN IMO NORTH SENATORIAL DISTRICT, IMO STATE	A191	ELECTRIFICATION OF YALWAN DAMAI, IGGI, WURNO AND YAYARI TUKUR IN BIRNIN KUDU/BUJI FED. CONSTITUENCY, JIGAWA STATE
A128	RURAL ELECTRIFICATION PROJECT AT LOKPAR AND ISUOCHI	A192	ELECTRIFICATION OF KWADAGE AND GATARI COMMUNITIES IN BIRNIN KUDU LGA, JIGAWA STATE
A129	PROCUREMENT OF 30 NOS 33 KVA TRANSFORMERS FOR COMMUNITIES IN P-NERS, RIVERS SOUTH EAST SENATORIAL DISTRICT	A193	PROCUREMENT/INSTALLATION OF 500KVA TRANSFORMERS AT KAITA AND JIBIA, KATSINA STATE
A130	PROCUREMENT OF 33KVA LINE TO KING OGBOMS STREET OFF ABACHA ROAD WITH 500 KVA TRANSFORMER INSTALLATION, AND POWERED AT RIVERS SOUTH EAST SENATORIAL DISTRICT	A194	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT MALLAM MADORIK/KAUGAMA FED. CONSTITUENCY, JIGAWA STATE
A131	RURAL ELECTRIFICATION OF OGBEINAMA IN DELTA SOUTH SENATORIAL DISTRICT	A195	PROVISION/INSTALLATION OF TRANSFORMERS IN KATSINA NORTH SENATORIAL DISTRICT
A132	RURAL ELECTRIFICATION OF OGRACHENE IN DELTA SOUTH SENATORIAL DISTRICT	A196	PROVISION/INSTALLATION OF TRANSFORMERS IN KATSINA NORTH SENATORIAL DISTRICT
A133	PROCUREMENT/INSTALLATION OF 500KVA TRANSFORMERS AT UGHELLI NORTH/UGHELLI SOUTH/UDU FED. CONSTITUENCY, DELTA STATE	A197	COMPLETION OF ONGOING PROJECT IN UGBIRAINA, USHA, USALLAH, UTANKO, MADDOBI AND GWAGWAYE VILLAGES, FUNTUA RURAL ELECTRIFICATION PROJECT IKEM
A134	REHABILITATION AND REINSTALLATION OF 33KVA POWER LINE FROM OJU-JERIMI - OBIAYAGHA IN UGHELLI SOUTH LGA	A198	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT ALIERO/GWANDU/JEGA FED. CONSTITUENCY, KEBBI STATE
A135	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMERS AT IKA NORTH EAST/KA SOUTH FED. CONSTITUENCY, DELTA STATE	A200	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT SHINKAFU/ZURMI FED. CONSTITUENCY
A136	PROCUREMENT/INSTALLATION OF 300 KVA TRANSFORMER OBIANKU/OBIDU/BIKWAHRA FED. CONSTITUENCY CROSS RIVER STATE	A201	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT TAKAI/SUMAILA FED. CONSTITUENCY, KANO STATE
A137	SUPPLY/INSTALLATION OF TRANSFORMERS IN IDUMU EKUIERE QUARTERS, ESAN NORTH EAST AND DIMAROH QUARTERS, OWAN EAST LGA OF EDO STATE	A202	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT ZANGO KATAFI/ABIA FED. CONSTITUENCY, KADUNA STATE
A138	PROVISION OF 300KVA TRANSFORMER FOR URO-IRRI, ISOKO SOUTH LGA OF DELTA STATE	A203	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT KADUNA SOUTH FED. CONSTITUENCY, KADUNA STATE
A139	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT OBURA/ETUNG FED. CONSTITUENCY, CROSS RIVER STATE	A204	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT DALA FED. CONSTITUENCY, KANO STATE
A140	RURAL ELECTRIFICATION OF IBIL, OGOJA LGA IN OGOJA/YALA FED. CONSTITUENCY, CROSS RIVER STATE	A205	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT GWAZO/KABO FED. CONSTITUENCY, KANO STATE
A141	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT EFFPONG EFFIOM CLOSE, OFF JEB ROAD, CALABAR SOUTH LGA	A206	ONGOING EXTENSION FROM KYAYA - KANOK IN JEMA LGA, KADUNA STATE
A142	RE-ENFORCEMENT OF ELECTRICITY DISTRIBUTION IN NDOKWAKU/WUANI FED. CONSTITUENCY, DELTA STATE	A207	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT KARAYE/ROGO FED. CONSTITUENCY, KANO STATE
A143	CONNECTION OF ELECTRICITY FROM NGO TOWN-OPOBO TO THE NATIONAL GRID IN ANBO/OPOBO/KORO FED. CONSTITUENCY, RIVERS STATE	A208	REHABILITATION AND EXTENSION OF AN EXISTING 33KV LINE AT ALBASU/GAYA/JINGIN FED. CONSTITUENCY, KANO STATE
A144	PROCUREMENT/INSTALLATION OF 300KVA TRANSFORMER AT OBO-AKPOR FED. CONSTITUENCY, RIVERS STATE	A209	PROCUREMENT/INSTALLATION 33 AND 11 TRANSFORMER AT SHANONO/BAGWAI FED. CONSTITUENCY, KANO STATE
A145	PROCUREMENT/INSTALLATION OF 300 KVA TRANSFORMER AT OGBA/OGBANON/OBARODA-WEST FED. CONSTITUENCY, RIVERS STATE	A210	REHABILITATION AND COMPLETION OF BURIDUGAU AND UNGUWAR IN MALUMFASHI LGA, KATSINA STATE
A146	PROCUREMENT/INSTALLATION 33 AND 11 TRANSFORMER AT ETHIOPE FED. CONSTITUENCY, DELTA STATE	A211	RURAL ELECTRIFICATION PROJECT AND REHABILITATION OF RURAL ELECTRIFICATION SCHEME IN DARAL, DORO, KARGO, JAHUN LGAs
A147	SUPPLY AND INSTALLATION OF TRANSFORMERS AND SOLAR POWERED STREET LIGHTS IN OKOKUMA/AMARIHUYO/IGBOLA/RIVERS STATE	A212	EXTENSION OF ELECTRICITY AND INSTALLATION OF TRANSFORMERS IN JIBIA-JIBIA MAJE, KATSINA STATE
A148	RURAL ELECTRIFICATION PROJECT IN SELECTED COMMUNITIES OF IKOT EKPE FED. CONST. AKWAIBOM	A213	SUPPLY AND INSTALLATION OF TRANSFORMERS IN TUDUN MAI DUNA MALUMFASHI AND DAYI MALUMFASHI LGA, KATSINA STATE
A149	RURAL ELECTRIFICATION PROJECT IN OKOKUMA TOWN (OKOKUMA/OPOKUMA), BAYELSA	A214	SUPPLY AND INSTALLATION OF TRANSFORMER IN YAKOFOJI/BAKURA LGA, ZAMFARA STATE
A150	SUPPLY AND INSTALLATION OF TRANSFORMERS IN OMADAME, IKWERRE LGA (500KVA) AND IGWIRITA, IKWERRE LGA RIVERS STATE (500KVA)	A215	REHABILITATION OF RURAL ELECTRIFICATION SCHEME AT MATGANJI, SAN-SAN, DAMBATA FED. CONSTITUENCY, KANO STATE
A151	SUPPLY AND INSTALLATION OF TRANSFORMERS IN TOBIOHIA COMM. OMIJHA LGA AND COMPLETION OF RURAL ELECTRIFICATION SCHEME IN CHOKOCHO COMM. ETIHE LGA RIVERS	A216	COMPLETION OF RURAL ELECTRIFICATION SCHEME, REHABILITATION OF NATIONAL GREAT LINE CONNECTING COMMUNITIES IN RABAH
A152	SUPPLY AND INSTALLATION OF TRANSFORMERS IN NOT BEGEDE STREET, MILE 2 DIODOR, PH, RIVERS	A217	SUPPLY AND INSTALLATION OF TRANSFORMERS IN KALAMBAINA TOWN, WAMAKKO LGA SOKOTO STATE
A153	SUPPLY AND INSTALLATION OF TRANSFORMERS IN ETHIOPE EAST & ETHIOPE WEST FED. CONSTITUENCY, DELTA STATE	A218	SUPPLY AND INSTALLATION OF TRANSFORMERS IN AUYO/HADEJIA/KAFIN HAUSA
A154	EXTENSION OF ELECTRICITY AND INSTALLATION OF TRANSFORMERS IN ETHIOPE EAST & ETHIOPE WEST FED. CONSTITUENCY, DELTA STATE	A219	SUPPLY AND INSTALLATION OF TRANSFORMERS IN KADUNA STATE GIWA/ BIRNIN GWARI FED. CONSTITUENCY, KADUNA STATE
A155	REHABILITATION OF INSURGENCY DESTROYED NETWORK AND PROVISION OF SOLAR MINI GRID IN THE NORTH EAST	A220	COMPLETION OF RURAL ELECTRIFICATION PROJECT IN CORA II TOWN IN SAPANA LGA, KATSINA STATE
A156	SUPPLY AND INSTALLATION OF 500KVA/11KV, 500KVA/33KV, 300KVA/11KV, 300KVA/33KV TRANSFORMERS AT VARIOUS LOCATION IN NORTH SENATORIAL DISTRICT, YOBE STATE	A221	PROCUREMENT AND INSTALLATION OF TRANSFORMER IN KATSINA NORTH SENATORIAL DISTRICT, KATSINA STATE
A157	ELECTRIFICATION OF SOME SELECTED VILLAGES IN MACHINA, JAKUSKO AND NGURU LGAs, YOBE STATE	Z222	SUPPLY AND INSTALLATION OF TRANSFORMERS (500 KVA) IN IDEMILI NORTH AND SOUTH ANAMBRA STATE
A158	ELECTRIFICATION OF SOME SELECTED VILLAGES IN KARASUWA, YUSUFARI AND BADB LGAs, YOBE STATE	Z223	SUPPLY/INSTALLATION OF 300KVA/11KV LINE ELECTRICITY TRANSFORMER FOR EKPE NE KPANSHI, NSITIBOMI LOCAL GOVT. AREA, AKWA IBOM STATE
		Z224	SUPPLY AND INSTALLATION OF SIX (6) NOS OF 500KVA TRANSFORMERS IN OKPESA/EP/UVWIE LGA DELTA STATE
		Z225	COMPLETION OF ONGOING ELECTRIFICATION PROJECT TO SHAGAMU, NIGER NORTH SENATORIAL DISTRICT, NIGER STATE
		Z226	RURAL ELECTRIFICATION OF BINCHIN, BASSA LGA, PLATEAU NORTH SENATORIAL DISTRICT, PLATEAU STATE
		Z227	SUPPLY AND INSTALLATION OF TRANSFORMERS IN KWARA CENTRAL SENATORIAL DISTRICT, KWARA STATE
		Z228	RURAL ELECTRIFICATION AT FARAR HULA COMMUNITY OF DOGUWALGA, KANO STATE

ENERGY=EMPOWERMENT=EFFICIENCY

CATEGORY B (INJECTION SUBSTATION)	
B001	COMPLETION OF NOS 15MVA INJECTOR 33/11 SUBSTATION AT ALOR, IDEMILI SOUTH ANAMBRA STATE
B002	COMPLETION OF SUBPOWER STATION AT FAGGE FEDERAL CONSTITUENCY, KANO STATE
B003	PROVISION OF 2X15 MVA 33/11KV INJECTION SUBSTATION AT RANDE ROAD SURULERE, LAGOS STATE
CATEGORY C (SOLAR MINI GRID/SOLAR HOME SYSTEM)	
C001	HOME SOLAR SYSTEM FOR HOUSEHOLDS IN IKORODU FEDERAL CONSTITUENCY, LAGOS STATE
C002	PROVISION OF SOLAR MINI GRID IN SOUTH EAST ZONE
C003	PROVISION OF SOLAR MINI GRID IN SOUTH SOUTH ZONE
C004	PROVISION/INSTALLATION OF HYBRID MINI-GRID AT OKANGHA NKPANSI COMMUNITY IN IKOM LGA CROSS RIVER
C005	PROVISION/INSTALLATION OF HYBRID MINI-GRID AT OBUDU CATTLE RANCH CROSS RIVER
C006	SOLAR MINI GRID IN FONIBIRI COMMUNITY BAYELSA STATE
C007	PROVISION OF SOLAR MINI GRID IN NORTH EAST ZONE
C008	COMPLETION OF ONGOING SOLAR HOME SYSTEM IN GWANDA KURMI LGA, TARABA STATE
C009	PROVISION OF SOLAR MINI GRID IN NORTH WEST ZONE
C010	PROVISION/INSTALLATION OF SOLAR MINI GRID IN SIX GEO-POLITICAL ZONES (REA OFFICES)
CATEGORY D (SOLAR STREET LIGHTS)	
D001	PROVISION/INSTALLATION OF SOLAR STREET AT ADVI/OKENE IN KOGI STATE
D002	PROVISION OF SOLAR STREET LIGHTS AT ICHOL, NYIEU TIEU, KWANDE LGA BENUE STATE
D003	PROVISION OF SOLAR STREET LIGHTS AT AMPANG WEST MANGU LOCAL GOVERNMENT, PLATEAU STATE
D004	PROVISION OF SOLAR STREET LIGHTS AT LARDANG VILLAGE IN KWA DISTRICT OF QUAPA LGA, PLATEAU STATE
D005	PROVISION OF SOLAR STREET LIGHTS AT LANGAI AND KERANG DISTRICT IN MANGU LGA PLATEAU STATE
D006	PROVISION OF SOLAR STREET LIGHTS IN ABUGI, ABUGI LOCAL GOVERNMENT, KOGI
D007	PROVISION OF SOLAR STREET LIGHTS IN QUA'AN PAN LGA OF PLATEAU SOUTH SENATORIAL DISTRICT
D008	PROVISION OF SOLAR STREET LIGHTS IN LANGTANG SOUTH LOA OF PLATEAU SOUTH SENATORIAL DISTRICT
D009	PROVISION OF SOLAR STREET LIGHTS IN SHEDAM LGA OF PLATEAU SOUTH SENATORIAL DISTRICT
D010	PROVISION OF SOLAR STREET LIGHTS IN GARKAWA, MIKANG LGA, PLATEAU STATE
D011	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT AJAOKUTA FED. CONSTITUENCY, KOGI STATE
D012	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT BASSA/DEKINA FED. CONSTITUENCY, KOGI STATE
D013	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT TOR-DINGA, AYILAMO, ANYIN, BRANCH UDEMA, ZAKI BIAM, IHUHE, IKYOGEN AND YARUSHONGO IN BENUE NORTH-EAST SENATORIAL DISTRICT, BENUE STATE
D014	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT GUNGUL, BOSSUA, ABAJI, TSE-KYAA AGBA, TSE-TORNAJIME, GBOR AND IKYOR IN BENUE NORTH-EAST SENATORIAL DISTRICT, BENUE STATE
D015	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT IKOWE, ABAH-HEMELE, TYUNGU AND ATOGBENDA IN BENUE NORTH-EAST SENATORIAL DISTRICT, BENUE STATE
D016	ELECTRIFICATION OF GOSA KPANYI VILLAGE IN FCT THROUGH SOLAR HYBRID MINI GRID AND SOLAR STREET LIGHTS
D017	PROVISION AND INSTALLATION OF 5KVA SOLAR STREET FROM IDU INDUSTRIAL LAYOUT JUNCTION TO IDU TRAIN STATION IN ABUJA FCT SENATORIAL DISTRICT
D018	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT WABE, PAIKORO LGA IN NIGER EAST SENATORIAL DISTRICT
D019	PROVISION OF ALL-IN-ONE SOLAR POWERED STREET LIGHT IN FOI EXTENSION 2 IN KUBWA AND PHASE 1 ROAD IN KUJE IN FCT
D020	PROVISION/INSTALLATION OF SOLAR STREET IN IKOGO AND AI-OPI COMMUNITIES IN EFFOYO, OKONOBOWARD OF OPOKWU LGA IN BENUE STATE
D021	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT GUM-GAGDI, ANGWAN HAKIMI AND DUGUB IN KANAM LGA, PLATEAU STATE
D022	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT EDU/MORO/PATIGI FED. CONSTITUENCY, KWARA STATE
D023	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT KOTANGORA FED. CONSTITUENCY, NIGER STATE
D024	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT ODEH AGEH STREET, NEW GRA, BENUE STATE
D025	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT IPEE TOWN IN OYUN LGA, KWARA STATE
D026	PROCUREMENT AND INSTALLATION OF 500KVA/33 TRANSFORMERS AND 20 NO OF SOLAR LIGHT AT EJKU YAGBA EAST LGA, KOGI STATE
D027	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT KUNTUN ILORIN, KWARA STATE
D028	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT THE SIX DISTRICT OF NASARAWA EGON WEST, NASARAWA STATE
D029	PROCUREMENT AND INSTALLATION OF 500KVA/33 TRANSFORMERS AND 20 NO OF SOLAR LIGHT AT EJBAIN YAGBA WEST LGA, KOGI STATE
D030	ONGOING SUPPLY/INSTALLATION OF SOLAR STREET LIGHT AT TUDUN WADA TUNGAMINNA, NIGER STATE
D031	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT NASARAWA FEDERAL POLY, NASARAWA STATE
D032	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT LAMINGA NASARAWA STATE
D033	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT SHENDAM, QUAAN-PAN, MIKANG FED. CONSTITUENCY, PLATEAU STATE
D034	ONGOING PROVISION OF SOLAR STREET LIGHTS AT ORO LAY OUT, OKENGWE, KOGI STATE
D035	PROVISION/INSTALLATION OF SOLAR STREET LIGHT IN LAFIA/OBI COMMUNITIES OF NASARAWA STATE
D036	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN SHENDAM/QUAANPAN/MIKANG
D037	SUPPLY AND INSTALLATION OF SOLAR POWERED STREET LIGHTS IN BARUTEN/KALAMA FED. CONSTITUENCY, KWARA STATE
D038	PROVISION OF SOLAR STREET LIGHTS AT ADUNIN OGBOMOSHO NORTH LOCAL GOVERNMENT SCHEME, OYO STATE
D039	PROVISION OF SOLAR STREET LIGHTS IN IKOTA TOWN ETI OSA LOCAL GOVERNMENT AREA, LAGOS STATE
D040	SUPPLY/INSTALLATION OF SOLAR STREET LIGHT IN IREPO/OLORISOGBO FED. CONSTITUENCY, OYO STATE
D041	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT IKEJA FED.
D042	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT CHRIST COLLEGE AND SOME COMMUNITIES IN EKITI STATE
D043	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT ILASE/IESA, OBUKON LGA, OSUN EAST SENATORIAL DISTRICT
D044	PROVISION OF INTERGRATED STREET LIGHTS IN THE SELECTED LGAs IN ONDO SOUTH SENATORIAL DISTRICT
D045	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT ETI-OSA FED. CONSTITUENCY, LAGOS STATE
D046	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT EPE GENERAL HOSPITAL, EPE FED. CONSTITUENCY, LAGOS STATE
D047	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT ILAJE/ESE-ODO FED. CONSTITUENCY
D048	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT AFAM, KETU ADIE OWE, IGBESA
D049	ONGOING PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT JALUGUN COMMUNITY IN INISA, ODO-OTIN L.G.A. OSUN STATE
D050	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS AT BADA GRY FED. CONSTITUENCY, LAGOS STATE
D051	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS AT AGEGE FED. CONSTITUENCY, LAGOS STATE
D052	ESTABLISHMENT OF ALL IN SOLAR STREET LIGHTS WITH SPECIFICATION OF 60W (HIGH EFFICIENCY) MOHO PANEL LIFE PO4 BATTERY - JB SOLAR EUROPE STANDARD IN DIFFERENT LOCATIONS (SUKWUATO/UMUNNECHI)
D053	PROVISION/INSTALLATION OF SOLAR MINI GRID AT GENERAL HOSPITAL, IFITEDUNU COMMUNITY IN DUNUKOPIA LGA IN ANAMBRA STATE.
D054	PROVISION OF SOLAR STREET LIGHTS IN UMUDIM IHITENANSA, ORSU LGA IMO STATE
D055	PROVISION AND INSTALLATION OF SOLAR STREET LIGHTS TO OKWELLE IN ONIUMO, IMO NORTH SENATORIAL DISTRICT
D056	PROVISION AND INSTALLATION OF SOLAR STREET LIGHTS AT UMUEZE I. COMMEMBANGI, IMO NORTH SENATORIAL DISTRICT
D057	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT ADDO/REPODUN/IFLODUN FED. CONSTITUENCY, EKITI STATE
D058	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT EKITI EAST/GBONYIN/EMURE FED. CONSTITUENCY, EKITI STATE
D059	SUPPLY AND INSTALLATION OF SOLAR STREET LIGHTS IN SELECTED COMMUNITIES IN ABA CENTRAL SENATORIAL DISTRICT
D060	INSTALLATION OF ALL-IN-ONE SOLAR STREET IN OBEITE, OSAA, EKWEREAJU, OWOR AHIA, AFOR, NDIAKATA, ISKO ITUNGWA, UMUANUNU, MGBOKO, UMAFOR AND UMUOKAHIA IN OBINGWA LGA OF ABIA SOUTH SENATORIAL DISTRICT OF ABIA STATE
D061	INSTALLATION OF ALL-IN-ONE SOLAR STREET IN OSUSU ROAD, OHANKU ROAD, OMOBAR ROAD, TENANT ROAD, OVOM STREET AND EZIAMA ROAD IN ABA NORTH/SOUTH LGA OF ABIA SOUTH SENATORIAL DISTRICT
D062	INSTALLATION OF ALL-IN-ONE SOLAR STREET IN AMUZUL/OBILUBI, EZIAMA, IRUP/OBILUBI AND OYIMOLA GURU IN UMUAMAHIA SOUTH LGA OF ABIA STATE
D063	INSTALLATION OF ALL-IN-ONE SOLAR STREET IN NUMODE-NSULU IN IKENNA AUTONOMOUS COMMUNITY ISIALANGWA NORTH LGA, ABIA SOUTH SENATORIAL DISTRICT
D064	INSTALLATION OF ALL-IN-ONE SOLAR STREET IN VILLAGES IN UKWA WEST/EAST LGA OF ABIA SOUTH SENATORIAL DISTRICT OF ABIA STATE
D065	INSTALLATION OF ALL-IN-ONE STREET LIGHT IN EBOBUL-UMUADILE AND AHABA-UBIN IN OBINGWA LGA OF ABIA SOUTH SENATORIAL DISTRICT
D066	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AND TRANSFORMERS IN AFIKPO SOUTH LGA OF EBONYI SOUTH SENATORIAL DISTRICT, EBONYI STATE
D067	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT IGBOEZE NORTH/UDENU FED. CONSTITUENCY, ENUGU STATE
D068	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT OHAI/GBEMA/OGUTA/ORU WEST FED. CONSTITUENCY, IMO STATE
D069	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN SOME COMMUNITIES OF ANKA NORTH/SOUTH FED. CONSTITUENCY, ANAMBRA STATE
D070	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN SOME COMMUNITIES OF EHIME MBANO, IHITE-UBOMA, OBOWO FED. CONSTITUENCY, ANAMBRA STATE
D071	POWER IMPROVEMENT AND PROVISION OF ALL IN ONE SOLAR LIGHT AT UDI/EZEAGU FED. CONSTITUENCY, ENUGU STATE
D072	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN SOME COMMUNITIES OF AHIAZU/EZINIHITE/MBASE FED. CONSTITUENCY, IMO STATE
D073	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT EZENWILE COMMUNITY OKPUNO OTOLONNEWI, ANAMBRA STATE
D074	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT UMUEKWELE ITU IN EZINIHITE/MBASE, IMO STATE
D075	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT IBENABOR VILLAGE READ ORAU KWU IN IDEMILI NORTH LGA, ANAMBRA STATE
D076	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN AFORU MARKET AHIAZU MBASE LGA, NKWO MBASE/MBASE MARKET, EZINIHITE LGA, IMO
D077	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN OHAI/GBEMA/OGUTA/ORU-WEST, IMO STATE
D078	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN ISHIAGU IVO LGA, EBONYI STATE
D079	SUPPLY AND INSTALLATION OF SOLAR POWERED STREET LIGHTS IN AHIAZU EZINIHITE LGA FED. CONSTITUENCY, IMO STATE
D080	PROVISION AND INSTALLATION OF ALL IN ONE 100W GALVANISED POLE SOLAR STREET LIGHT FROM ACHI CUSTOMARY COURT JUNCTION TO ST. MARKS ANGLICAN CHURCH AMANKPUNATOR ACHI, ACHI-UNO OH RIVER LGA, ENUGU STATE
D081	INSTALLATION OF TRANSFORMER/ PROVISION OF SOLAR STREET LIGHT IN OBUDU CROSS RIVER STATE
D082	PROVISION OF SOLAR STREET LIGHTS AT EKUKU AGBOR GRAMMER SCHOOL IN DELTA STATE
D083	PROVISION OF SOLAR STREET LIGHTS AT EKUKU AGBOR CLINIC ARBOR, DELTA STATE
D084	PROVISION OF SOLAR STREET LIGHTS AT UBOH STREET OWANTA AGBOR, DELTA STATE
D085	PROVISION OF SOLAR STREET LIGHTS AT DELTA STATE POLYTECHNIC OGWASHI UKU DELTA STATE
D086	PROVISION OF SOLAR STREET LIGHTS AT COLLEGE OF EDUCATION AGBOR, DELTA STATE
D087	PROVISION OF SOLAR STREET LIGHTS AT EMUHUN TOWN, DELTA STATE
D088	PROVISION OF SOLAR STREET LIGHTS AT UTERUMU TOWN DELTA STATE
D089	PROVISION OF SOLAR STREET LIGHT AT EKUKU AGBOR TOWN DELTA STATE
D090	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN VARIOUS LOCATIONS IN IKPOBA OKHA AND EGOR LGAs, EDO STATE
D091	PROVISION AND INSTALLATION OF SOLAR POWERED STREET LIGHTS IN CALABAR SOUTH MAIN AVENUE/WHITEHOUSE/PALM STREET CROSS RIVER SOUTH SENATORIAL DISTRICT
D092	SOLAR POWER STREET LIGHTS IN CALABAR MUNICIPALITY ASARI ESO LAYOUT

ENERGY=EMPOWERMENT=EFFICIENCY

D093	REACTIVATION OF EXISTING SOLAR LIGHTS, AND EXTENSION TO NTORLAWAN'S COMPOUND, KROMA TOWN RIVERS SOUTH EAST SENATORIAL DISTRICT	D151	SUPPLY AND INSTALLATION OF SOLAR POWERED STREET LIGHTS IN MAIDUGURI FED. CONSTITUENCY, BORNO STATE
D094	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT UGHELLI NORTH/UGHELLI SOUTH/UDU FED. CONSTITUENCY, DELTA STATE	D152	PROVISION OF SOLAR HYBRID, MINI GRIDS AND SOLAR POWERED STREET LIGHTS AT D/DALAMA AND OTHER TOWNS AND VILLAGES WITHIN THE SAME SENATORIAL ZONE
D095	INSTALLATION OF SOLAR STREET LIGHTS AT ABIKPO IKOT UKAMA COMMUNITY, OBOT AKARA LGA IN AKWA IBOM NORTH-WEST SENATORIAL DISTRICT	D153	PROVISION OF SOLAR STREET LIGHTS AT W/BARGA AND OTHER VILLAGES, TOWNS AND LGAs WITHIN THE SAME SENATORIAL ZONE IN KANO STATE
D096	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT OBANLIKU/UBUDUBAK WARRA FED. CONSTITUENCY, CROSS RIVER STATE	D154	PROVISION OF SOLAR POWERED STREET LIGHTS IN SHINFAI AND MODAMAWATOWN ZAMFARA NORTH SENATORIAL DISTRICT
D097	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT PORT HARCOURT I FED. CONSTITUENCY, RIVERS STATE	D155	INSTALLATION OF TRANSFORMER/ PROVISION OF SOLAR STREET LIGHT IN DAURA LGA OF KATSINA STATE
D098	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT ELBEM/OYIGBO/TAI FED. CONSTITUENCY, RIVER STATE	D156	PROVISION OF SOLAR STREET LIGHTS IN TULLA VILLAGE, KOZA MAI ADUA LGA KATSINA STATE
D099	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT SOUTHERN IJAW FED. CONSTITUENCY, BAYELSA STATE	D157	PROVISION OF SOLAR STREET LIGHTS AT GARA VILLAGE, DAURAKATSINA STATE
D100	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT BRASS/EMBE FED. CONSTITUENCY, BAYELSA STATE	D158	PROVISION OF SOLAR STREET LIGHTS IN SHAMADARA TA FARKO VILLAGE DAURA LGA, KATSINA STATE
D101	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT AKUKUTORY/ASARI TORY, BUGUMA, RIVERS STATE	D159	PROVISION/INSTALLATION OF ALL-IN-ONE SOLAR STREET LIGHT IN ANGBA, IGAH, MADA STATION, KAGBU, LANBAGA, NASSARAWA BOGON IN NASSARAWA NORTH SENATORIAL DISTRICT
D102	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT IMPOSHOGA, IDDO II OKPPELLA, ETSAKO EAST LGA	D160	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT ZURU/FAKA/DANKO-WASAGU AND SAKABA FED. CONSTITUENCY
D103	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT CLOSE 3 AND 4TH STREET IN ELEKARI STATE OF PORT HARCOURT, RIVERS STATE	D161	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT FAGGELGA, KANO STATE
D104	CONSTRUCTION OF SOLAR STREET LIGHTS AT ISHIBORI AND ABAKPA, OGOJA LGA, CROSS RIVERS STATE	D162	SUPPLY OF SOLAR LIGHTS IN DANKOLO IN KEBBI SOUTH SENATORIAL DISTRICT
D105	REHABILITATION OF 120 NOS SOLAR STREET LIGHT IN IMIEGBA TOWN, ETSAKO EAST LGA, EDO STATE	D163	SUPPLY OF SOLAR LIGHT IN BIRNIN YAURI, KEBBI SOUTH SENATORIAL DISTRICT
D106	ONGOING PROVISION AND INSTALLATION OF SOLAR STREET LIGHT AT IVBODOHEN, ERNERE, OBA ROAD-UZEBBA AND IVBUGHURU OF OWAN WEST LGA	D164	SUPPLY/INSTALLATION OF SOLAR STREET LIGHT AT TY DANJUMA ROAD, HOTOKO GRA, KANO STATE
D107	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS ELECTRICITY PROGRAMME IN OGBEINAMA & OGIAGBENE TOWNS IN BOMADI LGA, DELTA SOUTH SENATORIAL DISTRICT, DELTA STATE	D165	SUPPLY/INSTALLATION OF SOLAR STREET LIGHT IN KUKUMA, UNGWAR'YA AND JIAKOL, JIGAWA STATE
D108	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS TO THE 7 LOCAL GOVERNMENT AREAS (OREDO, IKPOBA OKHA, EGBOR, OVIA SOUTH WEST, OVIA NORTH EAST, OROUNMWON, UHUNMWODE) IN EDO SOUTH SENATORIAL DISTRICT, EDO STATE	D166	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT KIYAKO AND KAFINGARA TOWN, JIGAWA STATE
D109	SUPPLY AND INSTALLATION OF TRANSFORMERS 10 LOCATIONS IN 4 LGAS IN AKPABUYO (2), CALABAR SOUTH (4), CALABAR MUNICIPAL (3), BIASE (1) IN CROSS RIVER SOUTH SENATORIAL DISTRICT, CROSS RIVER STATE	D167	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS IN BIRNINKUDU BUJI FED. CONSTITUENCY
D110	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN UYO/AKWA IBOM	D168	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS IN 10 FEDERAL CONSTITUENCY OF JIGAWA STATE
D111	SUPPLY AND INSTALLATION OF TRANSFORMERS AND SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN OZORO, ELLU, OFA/GBE, OLOMORO ISOKO NORTH & SOUTH DELTA STATE	D169	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT FAROUK ADAM ALIYU AVENUE BIRNINKUDU LGA, JIGAWA STATE
D112	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN AMATOLO AND AMASSOMA	D170	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT IBIYA TOWN
D113	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN OBUNG, NSAN, OBAN/EKANG COMMUNITIES	D171	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT GADA BIYU JUMA'AT MOSQUE AND CEMETERY GUSUA
D114	SUPPLY AND INSTALLATION SOLAR POWERED STREETLIGHTS IN CALABAR SOUTH/BAKASSI/AKPABUYO	D172	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT KILA COMMUNITIES OF GIWARA LGA
D115	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN PORT HARCOURT FED. CONST. ONE (1) P. HARCOURT, RIVER STATE	D173	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT SAGAJAMA'A FED CONSTITUENCY
D116	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN ILAJE/ESE ODO	D174	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN KANKIA/KUSADA/INGAWA FED. CONSTITUENCY, KATSINA STATE
D117	INSTALLATION OF SOLAR STREET LIGHTS IN GRACELAND HOTEL ROAD, AFASHINO, ETSAKO WEST LGA, EDO STATE	D175	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT ZANGO/BATURE FED. CONSTITUENCY, KATSINA STATE
D118	PROVISION OF SOLAR STREETLIGHTS WITH SPECIFICATION OF 60W HIGH EFFICIENCY MONOR PANEL LFP PO4 BATTERY IN SELECTED LOCATIONS IN BORNO AND GOMBE STATES	D176	COMPLETION OF ONGOING ELECTRIFICATION PROJECTS AND INSTALLATION OF ALL-IN-ONE SOLAR STREET LIGHTS IN JABA LGA AND ENVIRONS IN KADUNA STATE
D119	PROVISION OF SOLAR STREET LIGHT IN DANKALWA DISTRICT OF BORNO STATE	D177	PROVISION/INSTALLATION OF ALL-IN-ONE SOLAR POWERED STREET LIGHT IN KATSINA NORTH SENATORIAL DISTRICT
D120	PROVISION OF SOLAR STREET LIGHTS AT BARAYA STREET, JALINGO TARABA STATE	D178	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT BINDAWAMANI FED. CONSTITUENCY, KATSINA STATE
D121	PROVISION OF SOLAR STREET LIGHTS IN GARI DOGO, TARABA STATE	D179	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN SOME COMMUNITIES OF TSAFE/GUSAU FED. CONSTITUENCY, ZAMFARA STATE
D122	PROVISION OF SOLAR STREET LIGHTS IN KUNINI, LAU TARABA STATE	D180	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT BAGUDO/SURU FED. CONSTITUENCY, KEBBI STATE
D123	PROVISION OF SOLAR STREET LIGHTS AT PANTAMI WARD, GOMBE LOCAL GOVERNMENT, GOMBE STATE	D181	PROVISION/INSTALLATION OF SOLAR STREET AT MAKAFI KUDA FED. CONSTITUENCY, KADUNA STATE
D124	PROVISION OF SOLAR STREET LIGHTS AT GOMBE LOCAL GOVERNMENT, GOMBE STATE	D182	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT LAYIN MAKARANTA, KANO STATE
D125	*7. PROVISION OF SOLAR STREET LIGHTS IN DUKKU LOCAL GOVERNMENT OF GOMBE STATE (PARTICULARLY MALALA WARD)	D183	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT MARADUN LGA, ZAMFARA STATE
D126	PROVISION OF SOLAR STREET LIGHTS AT NGOROJE	D184	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT GUSAU LGA, ZAMPARA STATE
D127	PROVISION OF SOLAR STREET LIGHTS AT PEGE QUARTERS C, STREET AVENUE GEMBU TARABA STATE	D185	PROVISION/INSTALLATION OF SOLAR STREET AT JEMA'A/SANGA FED. CONSTITUENCY, KADUNA STATE
D128	PROVISION OF SOLAR STREET LIGHTS AT GARKIDA ADAMAWA STATE	D186	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT AMANAWA AND UNGUWAR JAJIN KALGOLGA, KEBBI STATE
D129	PROVISION OF SOLAR STREET LIGHTS IN GANHA, ADAMAWA STATE	D187	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT SALAME MUJAYA IN SOKOTO LGA, SOKOTO STATE
D130	PROVISION OF SOLAR STREET LIGHTS AT WUKARI STREET DESAWO, ADAMAWA STATE	D188	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT DAGARAWA VILLAGE, SANKARA ROAD RINGIM LGA, JIGAWA STATE
D131	PROVISION OF SOLAR STREET LIGHTS AT GASHAKA, TARABA STATE	D189	ONGOING ELECTRIFICATION AND PROVISION OF SOLAR STREET LIGHT SHIAR GABASDA NANA ASMUDU GIRLS SECONDARY SCH IN KAMBA, DANDI LGA, KEBBI STATE
D132	PROVISION OF SOLAR STREET LIGHTS IN GEMBU, TARABA STATE	D190	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT RIMA RADIO ROAD, TUDUN-WADA AREA, SOKOTO STATE
D133	PROVISION OF SOLAR STREET LIGHTS IN MUTUM BIU, TARABA STATE	D191	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT WAWARKAZA AND UNGUWAR TSAMIYA IN KANKARA LGA, KATSINA STATE
D134	PROVISION OF SOLAR STREET LIGHTS AT RING ROAD MAIDUGURI, BORNO STATE	D192	PROVISION/INSTALLATION OF SOLAR STREET AT ISA/S. BIRNI FED. CONSTITUENCY, SOKOTO STATE
D135	PROVISION OF SOLAR STREET LIGHTS AT KATUZU GASHUA, YOBE STATE	D193	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT BADO AREA BEHIND PRIMARY BOARD IN WAMMAKO LGA, SOKOTO STATE
D136	PROVISION OF SOLAR STREET LIGHTS AT JIBI, TARABA STATE	D194	PROVISION/INSTALLATION OF SOLAR STREET LIGHT IN SOME SELECTED COMMUNITIES IN JEMA'ALGA
D138	PROVISION OF SOLAR POWERED STREET LIGHTS EUROPE STANDARD JBB IN MONGUNO AND NGANZAI FEDERAL CONSTITUENCY	D195	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT TSANYAWA/KUNCHI
D139	PROVISION/INSTALLATION OF SOLAR MINI GRID IN KARIM LAMIDA AND LAU LGA OF TARABA NORTH SENATORIAL DISTRICT	D196	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT UNGWAN GAUDE COMMUNITY IN KACHIA/KAGARKO LGA, KADUNA STATE
D140	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN NGUROJE, SANDUANA LGA, TARABA CENTRAL SENATORIAL ZONE	D197	PROVISION/INSTALLATION OF SOLAR STREET LIGHT AT D/TOFA
D141	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS IN BIYU IN GASSOL LGA, TARABA SENATORIAL DISTRICT	D198	SUPPLY AND INSTALLATION OF SOLAR POWERED STREET LIGHTS AT 50 NOS TSANGAYA (UNDER TSANGAYA DEVELOPMENT AREA) IN JIGAWA NORTH EAST SENATORIAL DISTRICT, AND ADDITIONAL 25 NOS EACH AT BIGHT (8) LGA COUNCILS OF JIGAWA NORTH EAST SENATORIAL DISTRICT, JIGAWA STATE. A TOTAL OF 250 SOLAR POWERED STREET LIGHT.
D142	PROVISION/INSTALLATION OF ALL-IN-ONE SOLAR POWERED STREET LIGHTS IN BORNO NORTH SENATORIAL DISTRICT	D199	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS IN AUVO/HADJIA/KAFIN HAUSA
D143	SUPPLY/INSTALLATION OF SOLAR STREET LIGHTS AT KAGA/GUBIOMAGUMERI FED. CONSTITUENCY	D200	SUPPLY AND INSTALLATION OF SOLAR POWERED STREET LIGHTS IN KALGO/BUNZA LGA FED. CONSTITUENCY, KEBBI STATE
D144	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT BAMA/NGALA/KALABALGE FED. CONSTITUENCY, BORNO STATE	D201	INSTALLATION OF SOLAR STREET LIGHTS AT KOKO-BESSEMAIYAMA FEDERAL CONSTITUENCY, KEBBI STATE
D145	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT GOMBI/HONG FED. CONSTITUENCY, ADAMAWA STATE	D202	INSTALLATION OF SOLR STREET LIGHTS AT MALLAM MAORI FEDERAL CONSTITUENCY, JIGAWA STATE
D146	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT WUKARI/IBI FED. CONSTITUENCY, TARABA STATE	D203	PROVISION AND INSTALLATION OF SKVA SOLAR SYSTEM IN VARIOUS LOCATION IN FCT SENATORIAL DISTRICT
D147	PROVISION/INSTALLATION OF SOLAR STREET LIGHTS AT KAN BARKI, KUMO, ARKOLA OF GOMBE STATE	ZD204	SUPPLY AND INSTALLATION OF JRB SOLAR POWERED STREETLIGHTS IN ARMY UNIVERSITY, IBI
D148	ELECTRIFICATION OF KOMBOSI STREET, DANJUMA ROAD, KUNKUFI AND ANGWANNAKPA WITH TRANSFORMER IN TAKUM LGA, TARABA STATE	ZD205	PROVISION OF SOLAR STREET LIGHTS FOR MWBL IN AMPANG EAST KANKE LGA PLATEAU STATE
D149	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS, BOGORO/DASSI/TAFAWABALAWA LGA, BAUCHI STATE	ZD206	SOLAR POWERED STREET LIGHTS IN MBUTU ROAD ABOH MBASE, IMO STATE
D150	SUPPLY AND INSTALLATION OF SOLAR POWERED STREETLIGHTS AT SHIRAGADE, BAUCHI STATE		

ENERGY=EMPOWERMENT=EFFICIENCY

3.0 ELIGIBILITY REQUIREMENTS

- Prospective bidders are required to submit genuine copies of the following documents as proof of their eligibility:
- Evidence of Certificate of Incorporation issued by Corporate Affairs Commission including copies of Form CAC 1.1 or CAC2 and CAC7;
 - Evidence of Company's Income Tax Clearance Certificate for the last three years - 2017, 2018 and 2019 expiring 31st December, 2020;
 - Evidence of current Pension Compliance Certificate valid until 31st December, 2020;
 - Evidence of Industrial Training Fund (ITF) Compliance Certificate valid until 31st December, 2020;
 - Current Nigerian Social Insurance Trust Fund (NSITF) Compliance Certificate valid until 31st December, 2020;
 - Evidence of registration on the National Data Base of Federal Contractors, Consultants and Service Providers by submission of Interim Registration Report (IRR) expiring on 30th June, 2020 or valid Certificate issued by the Bureau of Public Procurement;
 - Sworn Affidavit:
 - discussing whether or not any officer of the relevant committees of Rural Electrification Agency or the Bureau of Public Procurement is a former or present Director, shareholder or has any pecuniary interest in the bidder and to confirm that all information presented in its bid are true and correct in all particulars;
 - That the company is presently NOT in receivership or subject to any form of insolvency or bankruptcy or winding up petition or proceedings;
 - That no Director of the company has ever been convicted in any country of any criminal offence bordering on fraud or financial impropriety;
 - Current valid NEMSA License for contractors in the Electric Power Sector issued by the National Electricity Management Services Agency (NEMSA);
 - Verifiable evidence of two (2) contracts of similar nature and complexity executed in the last five (5) years (Please attach Letter of Award together with interim or valuation certificates, job completion or payment certificates if the project was awarded by a public institution);
 - Evidence of financial capability to execute the project by submission of Reference Letter from a reputable commercial bank in Nigeria, indicating willingness to provide credit facility for the execution of the project when needed;
 - Attach last 3 years Audited Account (2017, 2018 and 2019) and Statement of Accounts for immediate past Six (6) Months (January 2020 - June 2020);
 - Evidence of ownership or lease of relevant equipment for execution of Rural Electrification project e.g. Side Drop Crane, Pick Up Van, Test Equipment etc. (Please attach proof of ownership or lease agreement as applicable);
 - Duly executed Powers of Attorney or Board Resolution authorizing a designated officer of the company to act as a representative and to bind the company by signing all bids, contract Agreement and other documents with REA on behalf of the company, duly signed by the Chairman and Secretary;
 - Company's Profile including evidence that one of the key personnel of the company is a COREN registered Electrical Engineer
 - Category C: SOLAR MINI-GRID & SOLAR HOME SYSTEMS must provide evidence:
 - That they are Original Equipment Manufacturer (OEM) or accredited agents of the OEM;
 - That they have deployed two Mini-grids or Solar Home Systems (as the case may be) in the last five (5) years which are still functional;
 - Evidence that all documents for submissions were transmitted with a covering/forwarding letter on the company's Letter Head paper, bearing among other things the Registration Number (RC) as issued by Corporate Affairs Commission (CAC), Contact Address, Telephone Number (Preferable GSM No.) and E-mail address. The Letterhead paper must indicate the names and Nationalities of Directors of the company at the bottom of the page duly signed by the authorized person of the company.

4.0 COLLECTION OF PRE-QUALIFICATION DOCUMENTS

- Interested Bidders are to collect the Standard Bidding Documents from the Procurement Directorate, REA Corporate Headquarters, 22 Freestown Street, Wuse 2, Abuja upon production of evidence of payment of the Non-refundable Tender Fee of ₦10,000.00 (Ten Thousand Naira) only per Lot. All payments are to be made through Remita in favour of National Rural Electrification Agency (NREA) using GIFMIS code 1000024043 AND NOT Nigeria Electricity Project (NEP) after which bidders should proceed to REA Funds Management Directorate with their RRR to obtain Receipt of payment.
- Original and photocopies of the Certified Receipt of Payment shall then be presented to the REA Procurement Directorate for collection of Standard Bidding Documents. Collection of Documents shall be between the hours of 10:00am and 5:00pm Monday to Friday.

5.0 SUBMISSION OF TECHNICAL BIDS

- Bidders shall submit three (3) spirally bound hard copies i.e. one original and two copies of the Technical Document in a firmly sealed envelope with the LOT NUMBER, project title and Package Number clearly indicated on the top left corner. Bids not spirally bound or bids that are stapled may be rejected. Bids should be addressed to:
- The Managing Director/CEO
Rural Electrification Agency
Corporate Headquarters
22, Freestown Street
Wuse 2, Abuja.

- The reverse side of all the envelopes used must bear the BIDDER'S NAME and address as well as the authorized contact person's phone number (All written out in capital letters).
- Completed technical Bids are to be dropped in the tamper-proof "Tender Box" at designated points within the Agency Corporate Headquarters, 22 Freestown Street, Wuse 2, Abuja no later than 12:00 Noon on Monday, 15th June, 2020 for Category A, and no later than 12:00 Noon on Wednesday, 17th June, 2020 for Categories B - D. Bids submitted after the above specified deadlines shall be returned unopened to bidders who submitted them.

6.0 OPENING OF TECHNICAL DOCUMENTS

- The Technical Documents for Category A shall be opened immediately after close of submissions at 12:00 Noon on Monday, 15th June, 2020 while the Technical Documents for projects in Categories B, C & D shall be opened immediately following close of submissions at 12:00 Noon on Wednesday, 17th June, 2020. The public opening of Documents on each day shall take place at REA Corporate Headquarters, 22 Freestown Street, Wuse 2, Abuja in the presence of bidders, their representatives and observers from invited professional Bodies and civil Society Organizations.
- All Bidders or their representatives are enjoined to ensure that they sign the Bid Submission Register and obtain Bid Acknowledgment Receipt before dropping their bids in the Tender Boxes, as REA will not be held responsible for lost, misplaced or wrongly submitted bids.

7.0 IMPORTANT GENERAL INFORMATION

- Bids must be in English Language and signed by an official authorized by the bidder.
- Each bidder is permitted to submit technical bid only for a maximum of TWO LOTS which must be selected from different project categories.
 - Any bidder discovered to have submitted bid for more than one (1) lot in the same category or for more than two (2) lots in total shall be disqualified.
 - Only pre-qualified bidders will be invited at a later date for financial stage;
 - Companies found to be related or which have the same directors or personnel shall be disqualified;
 - Failure to adhere to the instructions in the FGN Standard Bidding Documents adopted for this Procurement shall result in disqualification. It is mandatory to complete all the relevant Sections of the Bidding Documents.
 - Attach a clean copy of the certified Receipt of Payment for Non-refundable Tender fee of ₦10,000.00 (Ten Thousand Naira) only.
 - Contractors with history of abandonment or non-completion of rural electrification projects or other government contracts shall be disqualified.
 - Submission of false documents in support of a bid may lead to prosecution as all documents received shall be referred to the issuing authorities and/or security agencies for verification.
 - Because of the Covid-19 pandemic that is currently ravaging the country, bidders are to note the following:
 - For collection of bidding documents, only Ten (10) bidders will be allowed to enter into the Agency's premises at a time
 - REA may not be able to entertain large numbers of people during the bid opening as such, only bidders that come early will be allowed to witness the bid opening process. However, we will make available video coverage of the exercise for interested bidders based on request. We will as well ensure that relevant Civil Society Organizations/NGOs and One Executive from the Association of REA Contractors are present to observe the exercise in compliance with Section 19 of the PPA, 2007.
 - Bidders should note that due to COVID-19 pandemic, the dates for closing/opening of bids are subject to change.
 - Bidders should also note that all the guidelines put in place by the Presidential Task Force (PTF) on Covid - 19 shall be strictly adhered to. This includes the use of face mask, hand sanitizer and the enforcement of social distancing.

8.0 DISCLAIMER

- This advertisement is published only for information purposes and does not constitute an offer, commitment or obligation by REA to transact with any party nor entitle any contractor to make any claims, whatsoever or seek any indemnity from the Agency.
- The bidder shall bear all costs and expenses incurred in connection with preparation of Documents or submission made in response to this invitation in respect to any enquiry or clarification arising from this exercise.
- The Rural Electrification Agency pledges fair and equal treatment of all bidders, but is not bound to prequalify any bidder, and in line with Section 28 of the Public Procurement Act 2007, the Agency reserves the right to annul this procurement process at any time in public interest without incurring liabilities to itself.

ENQUIRIES

All enquiries and request for clarification regarding this publication may be directed to
The Director (Procurement)
Rural Electrification Agency
Corporate Headquarters,
22, Freestown Street, Wuse 2, Abuja.

Sign
Management

ENERGY=EMPOWERMENT=EFFICIENCY

Section 1. Instructions to Tenderers

A. General

- 1. Scope of Tender**
 - 1.1 The Employer, as indicated in the Special Instructions to Tenderers (SIT), issues this Tender Document for the procurement of Works and Related Services incidental thereto as specified in the SIT and as detailed in Section 6: Bill of Quantities. The name of the Tender and the number and identification of its constituent lot(s) are stated in the SIT.
 - 1.2 The successful Tenderer will be required to complete the Works by the Intended Completion Date specified in the Special Conditions of Contract (SCC).
 - 1.3 Throughout this Tender Document:
 - (a) the term “in writing” means communicated in written form with proof of receipt;
 - (b) if the context so requires, singular means plural and vice versa; and
 - (c) “day” means calendar day.
- 2. Source of Funds**
 - 2.1 The Employer has been allocated public funds as indicated in the SIT and intends to apply a portion of the funds to eligible payments under the Contract for which this Tender Document is issued.
 - 2.2 For the purpose of this provision, “public funds” means any monetary resources appropriated to procuring entities under Government budget, or revenues generated by statutory bodies and corporations, or aid grants and credits put at the disposal of procuring entities by the development partners through the Government.
 - 2.3 Payments by the development partner, if so indicated in the SIT, will be made only at the request of the Government and upon approval by the development partner in accordance with the applicable Loan / Credit / Grant Agreement, and will be subject in all respects to the terms and conditions of that Agreement.
- 3. Corrupt, Fraudulent, Collusive, Coercive or Obstructive Practices**
 - 3.1 The policy of the Federal Government requires that all parties involved in public procurement, including Procuring Entities, Tenderers, Suppliers, Contractors, and Consultants, observe the highest standard of ethics during the procurement and execution of contracts under public funds. In pursuance of this policy, no Tenderer or Procurement Official shall engage in any:
 - (a) Corrupt practice, which means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution;
 - (b) Fraudulent practice, which means a misrepresentation or omission of facts in order to influence a procurement process or contract execution to the detriment of the employer;

- (c) Collusive practices, which means a scheme or an arrangement between two or more tenderers with or without the knowledge of the employer, including non-disclosure of subsidiary relationships, designed to establish bid prices at artificial, non-competitive levels thereby depriving the employer of the benefits of free and open competition;
- (d) Coercive practice, which means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract.
- (e) Obstructive practice which means
 - i. Deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede relevant authorities' investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - ii. Acts intended to materially impede the exercise of the relevant authorities' inspection and audit rights provided for under par. 3.2 (iii) below.

3.2 Should (a) an Employer establish the use of corrupt, fraudulent, collusive or coercive practices of any kind in the procurement process, or (b) the Bureau of Public Procurement (BPP) establish same during prior review or post review of procurement procedures or procurement audits, the Employer shall immediately refer the matter to the BPP, or the BPP shall promptly take up the matter, and will, upon substantiated evidence,

- (i) Exclude the Tenderer from further proceeding in the procurement of the contract or reject a proposal for contract award, and or
- (ii) Will take measures to sanction a firm or individual, including declaring it ineligible, either indefinitely or for a stated period of time, to be awarded public financed contracts.
- (iii) Have the right to require that a provision be included in bidding documents, requiring bidders, suppliers and contractors to permit the relevant authorities to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors

3.3 The Tenderer shall be aware of the provisions on fraud and corruption stated in GCC Clause 3 and GCC Sub-Clause 78.1(b.vi).

3.4 The Government requires that the Employer's personnel have an equal obligation not to solicit, ask for and/or use coercive methods to obtain personal benefits in connection with the said proceedings.

4. Eligible Tenderers

4.1 This Invitation for Tenders is open to eligible Tenderers only from **Nigeria**. In order to be eligible for public procurement, Tenderers must

- (a) Have the necessary professional and technical qualifications, managerial competence, *bona fide* reputation, financial viability, equipment and other physical facilities, including after sale service where appropriate, and qualified personnel to perform the contract as requested as per ITT 11 to 15;
- (b) Possess the legal capacity to enter the procurement contract;
- (c) Not be in receivership, insolvent, bankrupt or being wound-up, being suspended, or be the subject of any proceedings of the foregoing;
- (d) Have fulfilled all fiscal obligations and social security contributions;
- (e) Not have any directors who have been convicted in any country for criminal offence related to fraudulent or corruptive practices, or criminal misrepresentation or falsification of facts relating to any matter;
- (f) Not be declared ineligible for public financed contracts subject to ITT Sub-Clause 3.2 above.

4.2 A Tenderer may be a physical or juridical individual or body of individuals, or company, association or any combination of them under agreement in the form of an intended or existing joint venture, (JV), invited to take part in public procurement or seeking to be so invited or submitting a Tender in response to an Invitation for Tenders. All members of the JV shall be jointly and severally liable to the Employer. A JV is distinct from the Contractor Subcontractor arrangement where the entire responsibility for contract execution rests with the Contractor.

4.3 A Government-owned enterprise in Nigeria may also participate in the Tender, if it is legally and financially autonomous, operates under commercial law, and is not a dependent agency of the Employer.

4.4 The Tenderer shall provide in Section 5: Tender and Contract Forms, a statement that the Tenderer (including all members of a JVA) is not associated, nor has been associated in the past, directly or indirectly, with a consultant or any other entity that has prepared the design, specifications and other documents for this Invitation for Tenders.

4.5 A Tenderer who failed to perform a contract during the period stipulated as per ITT 12.3 or with pending litigation which may have a substantial impact on the Tenderer's net worth as per ITT 12.3 shall not be eligible for contract award.)

- 5. Eligible Materials, Equipment and Services**
- 5.1 All materials, equipment and services to be supplied under the Contract are eligible, unless their origin is from a country specified in the SIT.
- 5.2 For purposes of this clause, “origin” means the place where the materials and equipment are mined, grown, produced or manufactured, or the place from which the related services are supplied.
- 5.3 The origin of materials and equipment and services is distinct from the nationality of the Tenderer.
- 6. Site Visit**
- 6.1 The Tenderer, at the Tenderer’s own responsibility and risk, is encouraged to visit and examine the Site and obtain all information that may be necessary for preparing the Tender and entering into a Contract for performance of the Works.
- 6.2 The Tenderer should ensure that the Employer is informed of the visit in adequate time to allow it to make appropriate arrangements.
- 6.3 The costs of visiting the Site shall be at the Tenderer’s own expense

B. Tender Document

- 7. Tender Document Sections**
- 7.1. The Sections comprising the Tender Document are listed below, and should be read in conjunction with any Amendment issued in accordance with ITT Clause 10.
- Section 1 Instructions to Tenderers (ITT)
 - Section 2 Special Instructions to Tenderers (SIT)
 - Section 3 General Conditions of Contract (GCC)
 - Section 4 Special Conditions of Contract (SCC)
 - Section 5 Tender and Contract Forms
 - Section 6 Bill of Quantities (BOQ)
 - Section 7 General Specifications
 - Section 8 Particular Specifications
 - Section 9 Drawings
- 7.2. The Employer will reject any tender submission if the Tender Document was not purchased directly from the Employer, or through its agent as stated in the SIT.
- 7.3. The Tenderer is expected to examine all instructions, forms, terms, and specifications in the Tender Document as well as in Tender Amendments, if any. Failure to furnish all information or documentation required by the Tender Document may result in the rejection of the Tender.

- 8. Clarifications**
- 8.1 The Employer will respond in writing to any request by Tenderers for clarification of the Tender Document provided it is received in writing at the Employer's address indicated in the SIT at least 14 days before the tender submission deadline.
- 8.2 The Employer shall forward copies of its response to all those who have purchased the Tender Document, including a description of the enquiry but without identifying its source.
- 8.3 Should the Employer deem it necessary to amend the Tender Document as a result of a clarification, it shall do so following the procedure under ITT Clause 10 and ITT Sub-Clause 33.3.
- 9. Pre-Tender Meeting**
- 9.1 To clarify issues and to answer questions on any matter arising in the Tender Document, the Employer may, if stated in the SIT, invite prospective Tenderers to attend a Pre-Tender Meeting at the place, date and time as specified in the SIT. Tenderers are encouraged to attend the meeting, if it is held.
- 9.2 The Tenderer is requested to submit any questions in writing so as to reach the Employer not later than five (5) working days prior to the date of the meeting.
- 9.3 Minutes of the pre-Tender meeting, including the text of the questions raised and the responses given, together with any responses prepared after the meeting, will be transmitted within seven (7) days to all those who purchased the Tender document. Any modification to the Tender document listed in ITT Sub-Clause 7.1 that may become necessary as a result of the pre-Tender meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to ITT Clause 10 and not through the minutes of the pre-Tender meeting.
- 9.4 Non-attendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer
- 10. Amendments**
- 10.1 At any time prior to the deadline for submission of Tenders, the Employer, for any reason, on its own initiative or in response to a clarification request in writing from a Tenderer, having purchased the Tender Document, may amend the Tender Document by issuing an amendment.
- 10.2 Any amendment issued shall become an integral part of the Tender Document and shall be communicated in writing to all those who have purchased the Tender Document as per ITT7.2.
- 10.3 To give a prospective Tenderer reasonable time in which to take an amendment into account in preparing its Tender, the Employer may, at its discretion, extend the deadline for the submission of Tenders, pursuant to ITT Sub-Clause 33.3. In the event that an amendment is issued with a period of only one third or less of the Tendering period remaining, then the deadline for the submission of Tenders will be extended by the Employer, .

C. Evaluation and Qualification Criteria

- 11. Experience Criteria**
- 11.1 To qualify for a multiple number of lots in a package for which Tenders are invited in the Invitation for Tenders, the Tenderer shall demonstrate having resources and experience sufficient to meet the aggregate of the qualifying criteria for the individual lots.
- 11.2 The Tenderer shall have the following minimum level of construction experience to qualify for the performance of the Works under the Contract:
- (a) A minimum number of years of general experience in the construction of works as specified in the SIT; and
 - (b) Specific experience as a prime Contractor or Subcontractor in the construction of at least the number of completed Contracts stated in the SIT of a nature, complexity and construction technology similar to the proposed Works over the period stated in the SIT (to comply with this requirement, works sited should be at least 70 percent complete)
- 12. Financial Criteria**
- 12.1 The Tenderer shall have the following minimum level of financial capacity to qualify for the performance of the Works under the Contract.
- (a) The average annual construction turnover as specified in the SIT during the period specified in the SIT; and
 - (b) The minimum Tender capacity as specified in the SIT.
- 12.2 The Tenderer shall submit satisfactory bank references and documents demonstrating availability of funds/liquid assets and/or credit facilities from its banker(s) to successfully complete the Contract, as specified in the SIT.
- 12.3 The Tenderer shall provide a statement (i) to the effect that it did not have a contract non performed during the period preceding the deadline for tender submission as specified in the SIT, and (ii) indicating all pending litigation which should not represent more than the percentage of the Tenderer's net worth as specified in the SIT.
- 13. Personnel Capacity**
- 13.1 The Tenderer shall have the following minimum level of personnel capacity to qualify for the performance of the Works under the Contract:
- (a) A Construction Project Manager with qualifications and experience as specified in the SIT;
 - (b) The minimum number of Engineers with qualifications and experience as specified in the SIT; and
 - (c) Other key staff with qualifications and experience as specified in the SIT.
- 14. Equipment Capacity**
- 14.1 The Tenderer shall own or have assured access through lease, hire, or other such method, of the essential equipment, in full working order, as specified in the SIT.
- 15. Joint Venture, Consortium or Association (JV)**
- 15.1 The requirements of ITT 11.2(a), 12.2 and 12.3 must be met by all partners of a JV. The requirements of ITT 11.2(b), 13.1 and 14.1 must be met by the partners of a JV in aggregate. The figures for each of the partners of a JV shall be added together to determine the Tenderer's compliance with the minimum qualifying criteria for ITT 11.2(b) and 12.1; however, for a JV to qualify, each of its partners must meet at least twenty-five (25) percent of minimum criteria for an individual Tenderer, and the partner in charge at least forty (40) percent of those minimum criteria. Failure to

comply with this requirement will result in rejection of the JVA Tender. Subcontractors' experience and resources will not be taken into account in determining the Tenderer's compliance with the qualifying criteria.

D. Tender Preparation

- 16. Only one Tender** 16.1 A Tenderer shall submit only one (1) Tender for each lot, either individually or as a partner in a JV. A Tenderer who submits more than one (1) Tender in the same envelope will cause all the Tenders to be rejected.
- 17. Preparation Costs** 17.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Employer shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.
- 18. Language** 18.1 The Tender, as well as all correspondence and documents relating to the Tender shall be written in the English language.
- 18.2 The Tenderer shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
- 19. Contents of the Tender** 19.1 The Tender prepared by the Tenderer shall comprise the following:
- (a) The Tender Submission Sheet (Form W-1);
 - (b) The priced Bill of Quantities for each lot in accordance with ITT Clauses 20 and 22 and 23;
 - (c) Tender Security in accordance with ITT Clause 30;
 - (d) Alternative Tenders, if permissible, in accordance with ITT Clause 21;
 - (e) Written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT Clause 31.2;
 - (f) Documentary evidence in accordance with ITT Clause 24 establishing the Tenderer's eligibility to Tender, including the Tenderer Information Sheet (Form W-2);
 - (g) Documentary evidence in accordance with ITT Clause 27 establishing the Tenderer's qualifications to perform the Contract, if its Tender is accepted;
 - (h) Description of work method and schedule in accordance with ITT Clause 26; and
 - (i) Any other document as specified in the SIT.
- 20. Tender Submission Sheet and Bill of Quantities** 20.1 The Tenderer shall submit the Tender Submission Sheet (Form W-1) furnished in Section 5: Tender and Contract Forms. This document shall be completed without any alterations to its format, filling in all blank spaces with the information requested, failing which the Tender may be rejected as being incomplete.
- 20.2 The Tenderer shall submit the priced Bill of Quantities using the form furnished in Section 6: Bill of Quantities. If in preparing its Tender, the Tenderer has made errors in the unit price or the total price, and wishes to correct such errors prior to submission of

its Tender, it may do so, but shall ensure that each correction is suitable initialled by the authorised person of the Tenderer and that a statement shall be made as to the total number of corrections made, at the end of the priced Bill of Quantities.

- 21. Alternative Tender** 21.1 Alternative Tenders shall not be considered.
- 22. Tender Prices and Discounts**
- 22.1 The prices and discounts quoted by the Tenderer in the Tender Submission Sheet (Form W1) and in the Bill of Quantities shall conform to the requirements specified below.
- 22.2 The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities (BOQ). Items listed in the BOQ/BEME against which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the BOQ.
- 22.3 The price to be quoted in the Tender Submission Sheet, in accordance with ITT Sub-Clause 20.1, shall be the total price of the Tender, excluding any discounts offered.
- 22.4 The Tenderer shall quote any unconditional discounts and the methodology for their application in the Tender Submission Sheet, in accordance with ITT Clause 20.1.
- 22.5 If so provided for in the SIT and the SCC, the rates and prices quoted by the Tenderer are subject to adjustment during the performance of the Contract in accordance with the provisions of GCC Clause 66. The Tenderer shall furnish the indices and weightings for the price adjustment formulae in the SCC. The Employer may require the Tenderer to justify its proposed indices and weightings.
- 22.6 If so indicated in the SIT, Tenders are being invited for individual lots or for any combination of lots. Tenderers wishing to offer any price reduction for the award of more than one lot shall specify in their Tender the price reductions applicable to each lot, or alternatively, to any combination of lots within the package. Price reductions or discounts will be considered in the Tender evaluation, provided the Tenders for all lots are submitted and opened at the same time.
- 22.7 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other causes, as of the date twenty-eight (28) days prior to the deadline for submission of Tenders, shall be included in the rates and prices and the total Tender Price submitted by the Tenderer.
- 23. Tender Currency** 23.1 All prices shall be quoted in Nigerian Naira.
- 24. Documents Establishing Eligibility of the Tenderer**
- 24.1 The Tenderer shall submit documentary evidence to establish its eligibility in accordance with ITT Clause 4, and in particular, shall:
- (a) Complete the eligibility declarations in the Tender Submission Sheet (Form W-1), included in Section 5, Tender and Contract Forms; and
- (b) If in accordance with ITT Sub-Clause 4.2, the Tenderer is an existing or intended JVA, it must submit the Tenderer Information Sheet (Form W-2) and

a copy of the JVA Agreement, or a letter of intent to enter into such an agreement. The respective document shall be signed by all legally authorised signatories of all the parties to the existing or intended JVA, as appropriate.

**25. Documents
Establishing the
Eligibility and
Conformity of
Materials,
Equipment and
Services**

- 25.1 The Tenderer shall submit documentary evidence to establish the origin of all materials, equipment and services to be supplied under the Contract in accordance with ITT Clause 5.
- 25.2 To establish the conformity of the materials, equipment and services to be supplied under the Contract, the Tenderer shall furnish, as part of its Tender, the documentary evidence (which may be in the form of literature, drawings or data) that these conform to the technical specifications and standards specified in Section 7, General Specifications and Section 8, Particular Specifications.

**26. Documents
Establishing the
Conformity of the
Technical
Specification**

- 26.1 The Tenderer shall furnish a Technical Specification including a statement of work methods and schedule and any other information as stipulated in the SIT, in sufficient detail to demonstrate the adequacy for the Tenderers' submission to meet the work requirements and the completion time.

**27. Documents
Establishing the
Tenderer's
Qualifications**

- 27.1 Tenderers shall submit documentary evidence to meet the qualification criteria specified in Sub-Section C, Qualification Criteria of the ITT.
- 27.2 Tenderers shall submit the Tenderer Information Sheet (Form W-2) furnished in Section 5: Tender and Contract Forms
- 27.3 Tenderers shall include the following information and documents with their Tenders:
- (a) Total monetary value of construction work performed for each of the last five (5) years;
 - (b) Experience in works of a similar nature and size for each of, and details of work under way or contractually committed and clients who may be contacted for further information on those contracts;
 - (c) Major items of construction equipment proposed to carry out the contract;
 - (d) Qualification and experience of key site management and technical personnel proposed for the contract;
 - (e) Reports on the financial standing of the tenderer, such as profit and loss statements and corresponding auditor's reports for the period stipulated in SIT ;
 - (f) financial reports or balance sheets or profit and loss statements or auditor's reports or bank references with documents or a combination of these demonstrating the availability of liquid assets to successfully complete the contract;
 - (g) authority to seek references from the tenderer's bankers; and
 - (h) Information on pending litigation in which the tenderer has been involved or in which the tenderer is currently involved.

(i)

27.4 Tenders submitted by a JV shall comply with the following requirements, and any other requirements as specified in the SIT:

- (a) The Tenderer shall include all the information listed in ITT Sub-Clause 27.1 and 27.3 for each JV partner;
- (b) The Tender shall be signed so as to be legally binding on all partners;
- (c) All partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
- (d) One of the partners will be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all partners of the joint venture; and
- (e) The execution of the entire Contract, including payment, shall be done exclusively with the partner in charge

28. Tender Disqualification

28.1 The Employer shall disqualify a Tenderer who submits a document containing false information for purposes of qualification or misleads or makes false representations in proving its qualification requirements. If such an occurrence is proven, the Employer may declare such a Tenderer ineligible, either indefinitely or for a stated period of time, from participation in future procurement proceedings

28.2 The Employer may disqualify a Tenderer who has record of poor performance such as abandoning the works, not properly completing the Contract, inordinate delays, litigation history or financial failures.

29. Tender Validity

29.1 Tenders shall remain valid for the period specified in the SIT after the date of Tender submission prescribed by the Employer, pursuant to ITT Clause 33. A Tender valid for a shorter period shall be rejected by the Employer as non-responsive.

29.2 In exceptional circumstances, prior to the expiration of the Tender validity period, the Employer may solicit the Tenderers consent to an extension of the period of validity of their Tenders. The request and the responses shall be made in writing. The Tender Security provided under ITT Clause 30 shall also be suitably extended promptly. If a Tenderer does not respond or refuses the request it shall not forfeit its Tender Security, but its Tender shall no longer be considered in the evaluation proceedings. A Tenderer agreeing to the request will not be required or permitted to modify its Tender.

30 Tender Security

30.1 The Tenderer shall furnish as part of its Tender, a Tender Security in original form (Form W-3) and in the amount specified in the SIT.

30.2 The Tender Security shall:

(a) At the Tenderer's option, be either;

(i) In the form of a bank draft or pay order, or

(ii) In the form of an unconditional bank guarantee (Form W-3) issued by a commercial Bank of Nigeria or a foreign bank acceptable to the Employer, in the format furnished in Section 5: Tender and Contract Forms;

- (b) Be payable promptly upon written demand by the Employer in the case of the conditions listed in ITT Sub-Clause 30.5 being invoked; and
 - (c) Remain valid for a period of twenty eight (28) days beyond the original validity period of Tenders, or beyond any period of extension subsequently requested under ITT Sub-Clause 29.2.
- 30.3 A Tender not accompanied by a valid Tender Security in accordance with ITT Sub-Clause 30.2 shall be rejected by the Employer as non-responsive.
- 30.4 Unsuccessful Tenderers' Tender Security will be discharged or returned within twenty eight (28) days of the end of the Tender validity period specified in ITT Sub-Clause 29.1 and 29.2 The Tender Security of the successful Tenderer will be discharged upon the Tenderer's furnishing of the Performance Security pursuant to ITT Clause 53 and signing the Contract Agreement.
- 30.5 The Tender Security may be forfeited:
- (a) If a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer on the Tender Submission Sheet, except as provided in ITT Sub-Clause 29.2; or
 - (b) If the successful Tenderer fails to:
 - (i) Accept the correction of its Tender Price pursuant to ITT Sub-Clause 42.2; or
 - (ii) Furnish a Performance Security in accordance with ITT Clause 53; or
 - (iii) Sign the Contract in accordance with ITT Clause 54.
- 30.6 The Tender Security of a JV shall be in the name of the JV that submits the Tender. If the JV has not been legally constituted at the time of tendering, the Tender Security shall be in the name of all intended JV partners as named in the letter of intent mentioned in ITT Sub-Clause 24.1

31. Tender Format and Signing

- 31.1 The Tenderer shall prepare one (1) original of the documents comprising the Tender as described in ITT Sub-Clause 19.1 and clearly mark it "ORIGINAL." Alternative tenders, if permitted in accordance with ITT 21, shall be clearly marked "ALTERNATIVE". In addition, the Tenderer shall prepare the number of copies of the Tender, as specified in the SIT and clearly mark each of them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail
- 31.2 The original and each copy of the Tender shall be typed or written in indelible ink and shall be signed by the person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written authorization and shall be attached to the Tenderer Information Sheet (Form W-2). The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the original and

of each copy of the Tender, except for un-amended printed literature, shall be numbered sequentially and signed or initialled by the person signing the Tender.

- 31.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialled by the person(s) signing the Tender

E. Tender Submission

32. Tender Sealing and Marking

- 32.1 The Tenderer shall enclose the original in one (1) sealed envelope and all the copies of the Tender in another sealed envelope, duly marking the envelopes as “ORIGINAL” and “COPY.” These two (2) envelopes shall then be enclosed in one (1) single outer sealed envelope.
- 32.2 The inner and outer envelopes shall:
- (a) Bear the name and address of the Tenderer;
 - (b) Be addressed to the Employer at the address specified in the SIT;
 - (c) Bear the name of the Tender and the Tender Number as specified in the SIT; and
 - (d) Bear a statement “DO NOT OPEN BEFORE.....” The time and date for Tender opening as specified in the SIT..
- 32.3 If all envelopes are not sealed and marked as required by ITT Sub-Clauses 32.1 and 32.2, the Employer will assume no responsibility for the misplacement or premature opening of the Tender

33. Submission Deadline

- 33.1 Tenders must be received by the Employer at the address specified in no later than the date and time specified in the SIT.
- 33.2 The Tender may be hand delivered, posted by registered mail or sent by courier. The Employer shall, on request, provide the Tenderer with a receipt showing the date and time when its Tender was received.
- 33.3 The Employer may, at its discretion, extend the deadline for the submission of Tenders by amending the Tender Document in accordance with ITT Clause 10, in which case all rights and obligations of the Employer and Tenderers previously subject to the deadline shall thereafter be subject to the new deadline as extended.

34. Late Tenders

- 34.1 Any Tender received by the Employer after the deadline for submission of Tenders in accordance with ITT Clause 33 shall be declared late, will be rejected, and returned unopened to the Tenderer.

35. Modification, Substitution or Withdrawal

- 35.1 A Tenderer may modify, substitute or withdraw its Tender after it has been submitted by sending a written notice, duly signed by the same authorized representative, and shall include a copy of the authorization in accordance with ITT Sub-Clause 31.2, (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the Tender must accompany the respective written notice. The written notice must be:

- (a) Submitted in accordance with ITT Clauses 31 and 32 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “MODIFICATION”, “SUBSTITUTION”, OR “WITHDRAWAL”; and
 - (b) Received by the Employer prior to the deadline prescribed for submission of Tenders, in accordance with ITT Clause 33.
- 35.2 Tenders requested to be withdrawn in accordance with ITT Sub-Clause 35.1 shall be returned unopened to the Tenderers, only after the Tender opening.
- 35.3 No Tender may be modified, substituted, or withdrawn after the deadline for submission of Tenders specified in ITT Clause 33.
- 35.4 Tenderers may only offer discounts to, or otherwise modify the prices of their Tenders by including Tender modifications in the original Tender submission, or by submitting Tender modifications in accordance with ITT Sub-Clause 35.1.

F. Tender Opening and Evaluation

36. Tender Opening

- 36.1 The Employer shall open the Tenders in public, including modifications or substitutions made pursuant to ITT Clause 35, at the time, on the date, and only at the one place specified in the SIT. Tenders for which an acceptable notice of withdrawal has been submitted pursuant to ITT Clause 35 shall not be opened. Tenderers or their authorised representatives shall be allowed to attend and witness the opening of Tenders, and shall sign a register evidencing their attendance.
- 36.2 The name of the Tenderer, Tender modifications, substitutions or withdrawals, total amount of each Tender, number of corrections, discounts, and the presence or absence of requisite Tender Security, any alternatives, if so permitted, and such other details as the Employer, at its discretion, may consider appropriate, shall be read out aloud and recorded. Only discounts and alternative offers read out at the Tender opening shall be considered for evaluation. All pages of the original Tender, except for un-amended printed literature, will be initialled by a minimum of three (3) members of the Employer’s Tender Opening Committee.
- 36.3 Minutes of the Tender opening shall be made by the Employer and furnished to any Tenderer upon receipt of a written request. The minutes shall include, as a minimum: the name of the Tenderer and whether there is a withdrawal, substitution, or modification; the Tender Price, per lot if applicable, including any discounts and alternative offers; and the presence or absence of a Tender Security, if one was required.
- 36.4 Tenders not opened and read out at the Tender opening shall not be considered, irrespective of the circumstances, and shall be returned unopened to the Tenderer.
- 36.5 No Tender shall be rejected at the Tender opening, except for late Tenders, which shall be returned unopened to the Tenderer pursuant to ITT Clause 34.

37. Confidentiality

- 37.1 After the opening of Tenders, information relating to the examination, clarification, and evaluation of Tenders and recommendations for award shall not be disclosed to Tenderers

or other persons not officially concerned with the evaluation process until after the award of the Contract is announced.

- 38. Clarification**
- 38.1 The Employer may ask Tenderers for clarification of their Tenders in order to facilitate the examination and evaluation of Tenders. The request for clarification and the response shall be in writing, and any changes in the prices or substance of the Tender shall not be sought, offered or permitted, except to confirm the correction of arithmetical errors discovered by the Employer in the evaluation of the Tenders, in accordance with ITT Clause 42.
- 39. Tenderer Contacting the Employer**
- 39.1 Following the opening of the Tenders and until the Contract is signed no Tenderer shall make any unsolicited communication to the Employer or try in any way to influence the Employer's examination and evaluation of the Tenders.
- 39.2 Any effort by a Tenderer to influence the Employer in its decisions on the examination, evaluation, comparison, and post-qualification of the Tenders or Contract award may result in the rejection of its Tender.
- 39.3 Notwithstanding ITT Sub-Clause 39.1, from the time of Tender opening to the time of Contract award, if any Tenderer wishes to contact the Employer on any matter related to the tendering process, it should do so in writing.
- 40. Tender Responsiveness**
- 40.1 The Employer's determination of a Tender's responsiveness is to be based on the contents of the Tender itself without recourse to extrinsic evidence.
- 40.2 A substantially responsive Tender is one that conforms in all respects to the requirements of the Tender Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) Affects in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
 - (b) Limits in any substantial way, or is inconsistent with the Tender Document, the Employer's rights or the Tenderer's obligations under the Contract; or
 - (c) If rectified would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.
- 40.3 If a Tender is not substantially responsive to the Tender Document, it shall be rejected by the Employer and shall not subsequently be made responsive by the Tenderer by correction of the material deviation, reservation, or omission.
- 40.4 There shall be no requirement as to the minimum number of responsive Tenders.

41. Non-conformities Errors, and Omissions

41.1 The Employer may regard a Tender as responsive even if it contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirement set forth in the Tender Document or if it contains errors or oversights that are capable of being corrected without affecting the substance of the Tender.

41.2 Provided that a Tender is substantially responsive, the Employer may request that the Tenderer submits the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Tender related to documentation requirements. Such omission shall not be related to any aspect of the rates of the Tender reflected in the Priced Bill of Quantities. Failure by the Tenderer to comply with the request may result in the rejection of its Tender.

42. Correction of Arithmetical Errors

42.1 Provided that the Tender is substantially responsive, the Employer shall correct arithmetical errors on the following basis:

- (a) if there is a discrepancy between the unit price and the line item total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the line item total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetical error, in which case the amount in figures shall prevail subject to (a) and (b) above.

42.2 Any arithmetical error or other discrepancies as stated in ITT Sub-Clause 42.1 shall be immediately notified to the concerned Tenderer.

42.3 Any Tenderer that does not accept the correction of errors, as determined by the application of ITT Sub-Clause 42.1, shall be disqualified and its Tender Security may be forfeited.

43. Preliminary Examination

43.1 The Employer shall firstly examine the Tenders to confirm that all documentation requested in ITT Clause 19 have been provided, and to determine the completeness of each document submitted.

43.2 The Employer shall confirm that the following documents and information have been provided in the tender. If any of these documents or information is missing, the offer shall be rejected.

- (a) Tender Submission Sheet, in accordance with ITT Sub-Clause 20.1;
- (b) Priced Bill of Quantities, in accordance with ITT Sub-Clause 20.2;
- (c) Written confirmation of authorization to commit the Tenderer, in accordance with ITT Sub-Clause 31.2; and
- (d) Tender Security, in accordance with ITT Clause 30, if applicable.

44. Technical Evaluation

- 44.1 Next, the Employer shall examine the Tender to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Tenderer without any material deviation or reservation.
- 44.2 The Employer shall evaluate the technical aspects of the Tender submitted in accordance with ITT Clauses 25 and 26, to confirm that all requirements specified in Section 7: General Specifications and Section 8: Particular Specifications of the Tender Document have been met without any material deviation or reservation.
- 44.3 If, after the examination of the terms and conditions and the technical aspects of the Tender, the Employer determines that the Tender is not substantially responsive in accordance with ITT Sub-Clause 40.2, it shall reject the Tender.

45. Financial Evaluation

- 45.1 Next, the Employer shall evaluate the financial offer of each Tender that has been determined substantially responsive up to this stage of the evaluation.
- 45.2 To evaluate a Tender financially, the Employer shall consider the following:
- (a) The Tender price, excluding Provisional Sums and the provision, if any, for 'contingencies in the Summary Bill of Quantities, but including Daywork, where priced competitively;
 - (b) Price adjustment for correction of arithmetical errors pursuant to ITT Sub-Clause 41.1;
 - (c) Appropriate adjustments in order to take into consideration discounts or other price modifications offered pursuant to ITT Sub-Clause 22.4;
 - (d) Appropriate adjustments for any other acceptable variations or deviations pursuant to ITT Sub-Clause 41.1; and
 - (e) Application of all the evaluation factors indicated in Section C of the SIT.
- 45.3 Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender Document or otherwise result in unsolicited benefits for the Employer will not be taken into account in Tender evaluation.
- 45.4 The estimated effect of any price adjustment provisions under GCC Clause 66, applied over the period of execution of the Contract, shall not be taken into account in Tender evaluation.
- 45.5 If so indicated in the SIT (ITT Sub-Clause 22.6), the Tender Document shall allow Tenderers to quote separate prices for one or more lots, and shall allow the Employer to award one or multiple lots to more than one Tenderer following the methodology specified in ITT Sub-Clause 45.6.
- 45.6 To determine the lowest-evaluated lot or combination of lots, the Employer shall take into account:

- (a) The experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual lot;
- (b) The lowest-evaluated Tender for each lot calculated in accordance with the requirements of Evaluation Criteria;
- (c) The price reduction per lot or combination of lots and the methodology for their application as offered by the Tenderer in its Tender; and
- (d) The Contract-award sequence that provides the optimum economic combination taking into account any limitations due to constraints in Works or execution capacity determined in accordance with the post-qualification criteria under ITT Clause 49.

45.7 If the Lowest Evaluated Tender is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Tenderer to produce detailed price analysis for any or all items of the BOQ, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analysis, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the Performance Security set forth in ITT Clause 53 be increased at the expenses of the Tenderer to a level sufficient to protect the Employer against financial loss in the event of default by such Tenderer during Contract implementation, if awarded the contract.

46. Preference for Domestic Tenders

46.1 A margin of preference shall be applied to domestic tenders, if so specified in the SIT, in accordance with the methodology specified in SIT.

47. No Negotiations

47.1 No price negotiations shall be held with the Lowest Evaluated Tenderer or any other Tenderer.

47.2 A Tenderer shall not be required, as a condition for award, to undertake responsibilities not stipulated in the Tender documents, to change its price, or otherwise to modify its Tender.

48. Lowest Evaluated Tender

48.1 The Employer shall compare all substantially responsive Tenders to determine the lowest-evaluated Tender, in accordance with ITT Clause 45. subject to ITT 46

49. Post-qualification

49.1 The Employer shall determine to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated and substantially responsive Tender is qualified to perform the Contract satisfactorily.

49.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to ITT Clause 27, to clarifications in accordance with ITT Clause 38 and the qualification criteria indicated in ITT Clauses 11 to 15 inclusive. Factors not included therein shall not be used in the evaluation of the Tenderer's qualification.

49.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in rejection of the Tenderer's Tender, in

which event the Employer shall proceed to the next lowest evaluated Tender to make a similar determination of that Tenderer's capabilities to perform satisfactorily

50. Employer's Right to Accept or to Reject Any or AllTenders

50.1 The Employer reserves the right to accept any Tender, to annul the Tender proceedings, or to reject any or all Tenders, at any time prior to Contract award, without thereby incurring any liability to Tenderers, or any obligation to inform Tenderers of the grounds for the Employer's action.¹

G. Contract Award

51. Award Criteria

51.1 The Employer shall award the Contract to the Tenderer whose offer is substantially responsive to the Tender Document and that has been determined to be the Lowest Evaluated Responsive Tender, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.

52. Notification of Award

52.1 Prior to the expiration of the period of Tender validity, the Employer shall notify the successful Tenderer, in writing, that its Tender has been accepted.

52.2 The Notification of Award shall constitute a binding Contract between the parties until contract signature and the submission of a valid Performance Security.

52.3 The Notification of Award shall state the value of the proposed Contract, the amount of the Performance Security, the time within which the Performance Security shall be submitted and the time within which the Contract shall be signed.

53. Performance Security

53.1 Within fourteen (14) days of the receipt of Notification of Award from the Employer, the successful Tenderer shall furnish the Performance Security for the due performance of the Contract in the amount specified in the SIT using for that purpose the Performance Security Form (Form W-6) furnished in Section 5: Tender and Contract Forms.

53.2 The Performance Security shall be valid until a date twenty-eight (28) days after the date of issue of the Certificate of Completion.

54. Contract Signing

54.1 At the same time as the Employer issues the Notification of Award, the Employer shall send the Contract Agreement and all documents forming the Contract, to the successful Tenderer.

54.2 Within twenty-one (21) days of receipt of the Contract Agreement, and within one week after having delivered a valid Performance Security to the Employer, the successful Tenderer shall sign, date, and return the Contract Agreement to the Employer.

54.3 Failure of the successful Tenderer to submit the Performance Security, pursuant to ITT Sub-Clause 53.1, or sign the Contract, pursuant to ITT Sub-Clause 54.2, shall constitute

¹ Employers or Procuring Entities shall not reject or annul tenders without the prior no-objection of the BPP.

sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event, the Employer may award the Contract to the next lowest evaluated responsive Tenderer at their quoted price (corrected for any arithmetical errors), who is assessed by the Employer to be qualified to perform the Contract satisfactorily.

54.4 Immediately upon receipt of the signed Contract Agreement and Performance Security from the successful Tenderer, the Employer shall discharge and return the successful Tenderer’s Tender Security.

55. Advising Unsuccessful Tenderers

55.1 At the same time as the Employer issues the Notification of Award pursuant to ITT Clause 52.1, the Employer shall also notify all other Tenderers that their Tenders have been unsuccessful.

55.2 The Employer shall promptly respond in writing to any unsuccessful Tenderer who, after notification in accordance with ITT Sub-Clause 55.1, requests in writing for the Employer to communicate the grounds on which its Tender was not selected.

56. Adjudicator

56.1 The Employer proposes the person named in the SIT to be appointed as Adjudicator under the Contract, at an hourly fee and for those reimbursable expenses specified in the SIT.

56.2 If the Tenderer disagrees with this proposal, the Tenderer should state so in its Tender. If, in the Notification of Award, the Employer and the Tenderer have still not agreed on the appointment of the Adjudicator, the Adjudicator shall be appointed by the Appointing Authority designated in the SIT.

57. Tenderer’s Right to Complain

57.1 Any Tenderer has the right to complain if it has suffered or may suffer loss or damage in accordance with the current Public Procurement Regulations for Goods and Works

57.2 The complaint shall firstly be processed through an administrative review following the procedures set out in paragraph 24 of the Public Procurement Regulations for Goods and Works. The place and address for the first step in the submission of complaints to the Administrative Authority is provided in the SIT.

57.3 If not satisfied with the outcome of the administrative review, the Tenderer may complain to the BPP pursuant to paragraph 25 of the Public Procurement Regulations for Goods and Works.

Section 2. Special Instructions to Tenderers

ITT Clause	Amendments of, and Supplements to, Clauses in the Instructions to Tenderers
------------	---

A. General	
ITT 1.1	The Employer is <i>Rural Electrification Agency</i> represented by the Managing Director/CEO .
ITT 2.1	The source of public funds is <i>The FGN Budget 2020</i>
ITT 4.1	Only Tenderers registered or incorporated to carry on business under Nigeria Law are eligible to participate in this (NCB) Tender
ITT 5.1	Materials, equipment and related services from the following countries are not eligible.
B. Tender Document	
ITT 8.1	For <u>clarification of Tenders purposes</u> only, the Employer's address is: Managing Director/CEO 22 Freetown Street, Wuse2, Abuja. Telephone: Facsimile number:
ITT 9.1	A Pre- Tender meeting shall NOT be held.
C. Evaluation and Qualification Criteria	

ITT 11.3(a)	The minimum period of general experience of the Tenderer in the construction works shall be Three (3) years.
ITT 11.3(b)	The required number of similar Contracts completed shall be Two [2] over a period of 5 years.
ITT 12.1(a)	The required average annual turnover shall be greater than []
ITT 12.1(b)	A Construction Project Manager shall have the following qualifications and experience: COREN Registration
ITT 13.1(b)	The Minimum number of Engineers with qualifications and experience shall be as follows: ONE (1)
ITT 13.1(c)	Other key staff with qualifications and experience shall be as follows: TWO (2).
ITT 14.1	The Tenderer shall own or have assured access of the essential equipment, in full working order as follows: Pole Erection Equipment, Pick up Van, Power Testing Equipment and other relevant engineering Tools
D. Preparation of Tender	
ITT 18.1	The Tender, as well as all correspondence and documents relating to the Tender shall be in the English language.
ITT 19.1(i)	The Tenderer shall submit with its Tender the following additional documents: All documents outlined in Section 3.0 (Eligibility Requirements) of the solicitation document
ITT 21.1	Alternative Tenders will not be permitted.
ITT 22.5	The prices quoted by the Tenderer shall be fixed for the duration of the Contract.

ITT 22.6 & ITT 45.5	Tenders are being invited for an individual lot. Multiple bidding by the same company is permitted up to a maximum of two (2) Lots selected from two separate project categories.
ITT 26.1	The required Technical Documents shall include the following additional information: i. Work plan ii. Statement of work method iii. Technical specification and brochures of machinery/plant to be incorporated in the works iv. <i>[Any other information that will assist the employer understand i-iii above]</i>
ITT 27.4	A Tender submitted by a JV shall <u>also</u> comply with the same requirements
ITT 29.1	The Tender validity period shall be ONE HUNDRED AND TWENTY (120) DAYS
ITT 30.1	The amount of the Tender Security shall be [NOT APPLICABLE]
ITT 31.1	In addition to the original of the Tender, Two (2) duplicate copies shall be submitted each for “technical” and “financial.”
E. Submission of Tender	
ITT 32.2 (c)	The inner and outer envelopes shall bear the following additional identification marks: Lot Number, Project Title and the name and address of the Agency on the back. The inner or reverse side of the envelope shall bear the name and address of the bidding company and phone number of its contact person.
ITT 33.1	For <u>Tender submission purposes</u> only, Managing Director/CEO Rural Electrification Agency Corporate Headquarters, 22 Freetown Street, Wuse 2, Abuja.

	<p>The deadline for the submission of Tenders is:</p> <p>Date: 17th June, 2020</p> <p>Time: 12.00 Noon</p> <p>Bids that arrive after this time shall be rejected and returned later in their un-opened state to the bidders that submitted them.</p>
<p>F. Opening and Evaluation of Tender</p>	
ITT 36.1	<p>The Tender opening shall take place immediately following the close of submissions at:</p> <p>Rural Electrification Agency Corporate Headquarters, 22 Freetown Street, Wuse 2, Abuja.</p> <p>.</p> <p>Date: 17th June, 2020</p> <p>Time: 12.00Noon</p>
ITT 45.6(a)	
ITT 46	A margin of preference does not apply.
<p>G. Award of Contract</p>	
ITT 53.1	The amount of Performance Security (if applicable) shall be Ten (10) per cent of the Contract Price obtained from any commercial bank in Nigeria.
ITT 57.2	<p>The name and address of the office where complaints to the Procuring Entity are to be submitted under paragraph 21 of the Public Procurement Regulations for Goods and Works is:</p> <p>Rural Electrification Agency Corporate Headquarters, 22 Freetown Street,</p>

	Wuse 2, Abuja.
--	-----------------------

Section 3. General Conditions of Contract

A. General

1. Definitions

- 1.1 The following words and expressions shall have the meaning hereby assigned to them. Boldface type is used to identify the defined terms:
- (a) The **Adjudicator** is the person appointed jointly by the Employer and the Contractor to resolve disputes in the first instance, as provided for in GCC Sub-Clause 82.2.
 - (b) **Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Tender.
 - (c) **Compensation Events** are those defined in GCC Clause 64.
 - (d) **Completion Certificate** means the Certificate issued by the Engineer as evidence that the Contractor has executed the Works in all respects as per drawing, specifications and Conditions of Contract.
 - (e) The **Completion Date** is the date of completion of the Works as certified by the Engineer, in accordance with GCC Clause 74.
 - (f) **Contract Agreement** means the Agreement entered into between the Employer and the Contractor, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein to execute, complete, and maintain the Works.
 - (g) **Contract Documents** means the documents listed in GCC Clause 5, including any amendments thereto.
 - (h) **Contractor** means the natural person, private or government enterprise, or a combination of the above, whose Tender to carry out the Works has been accepted by the Employer and is named as such in the SCC and the Contract Agreement, and includes the legal successors or permitted assigns of the Contractor.
 - (i) **Contract Price** means the price payable to the Contractor as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, for the execution, completion and maintenance of the Works in accordance with the provisions of the Contract.

- (j) The **Contractor's Tender** is the completed Tender Document including the priced offer submitted by the Contractor to the Employer.
- (k) **Day** means calendar day.
- (l) **Day works** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.
- (m) A **Defect** is any part of the Works not completed in accordance with the Contract.
- (n) The **Defects Correction Certificate** is the certificate issued by Engineer upon correction of defects by the Contractor.
- (o) The **Defects Liability Period** is the period named in the SCC and calculated from the Completion Date.
- (p) **Drawings** include calculations and other information provided in Section 9 or approved by the Engineer for the execution and completion of the Contract.
- (q) The **Employer** is the party named in the SCC who employs the Contractor to carry out the Works.
- (r) The **Engineer** is the person named in the SCC (or any other competent person appointed by the Employer and notified to the Contractor) who is responsible for supervising the execution and completion of the Works and administering the Contract.
- (s) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
- (t) **GCC** mean the General Conditions of Contract.
- (u) **Government** means the Government of the People's Republic of Nigeria.
- (v) The **Initial Contract Price** is the Contract Price listed in the Employer's Notification of Award.
- (w) The **Intended Completion Date** is the date specified in the SCC on which the Contractor shall complete the Works and may be revised if extension of time or an acceleration order is issued by the Engineer.
- (x) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- (y) **Month** means calendar month.
- (z) **SCC** means the Special Conditions of Contract.
- (aa) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.
- (ab) **Procuring Entity** is the Government's Entity that procures and administers the contract. The Procuring Entity may be the same legal

person as the Employer but if it is not, the Employer is the party to the contract.

- (ac) The **Site** is the area defined as such in the SCC.
- (ad) **Site Investigation Reports** are those that were included in the Tender Document and are factual and interpretative reports about the surface and subsurface conditions at the Site.
- (ae) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Engineer.
- (af) The **Start Date** is the date given in the SCC and it is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.
- (ag) **Subcontractor** means any natural person, private or government entity, or a combination of the above, including its legal successors or permitted assigns, who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.
- (ah) **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.
- (ai) A **Variation** is an instruction given by the Engineer that varies the Works.
- (aj) The **Works** are what the Contract requires the Contractor to construct, install, and hand over to the Employer, as defined in the SCC.
- (ak) **Writing** means any hand-written, type-written, or printed communication including telex, cable and facsimile transmission.

- 2. **Contract Documents**
 - 2.1 Subject to the order of precedence set forth in GCC Sub-Clause 5.1, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.
- 3. **Corrupt, Fraudulent, Collusive, Coercive or**
 - 3.1 The Government requires that Employers, as well as Contractors shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of Contracts under public funds.

Obstructive Practices

- 3.2 In pursuance of this requirement, the Employer shall
- (a) Exclude the Contractor from participation in the procurement proceedings concerned or reject a proposal for award; and
 - (b) Declare a Contractor ineligible, either indefinitely or for a stated period of time, from participation in procurement proceedings under public fund;
 - (c) If it at any time determines that the Contractor has engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Contract under public fund.
- 3.3 Should any corrupt, fraudulent, collusive or coercive practice of any kind referred to in GCC Sub-Clause 3.4 come to the knowledge of the Employer, it shall, in the first place, allow the Contractor to provide an explanation and shall, take actions as stated in GCC Sub-Clause 3.2 only when a satisfactory explanation is not received. Such exclusion and the reasons thereof, shall be recorded in the record of the procurement proceedings and promptly communicated to the Contractor concerned. Any communications between the Contractor and the Employer related to matters of alleged corrupt, fraudulent, collusive or coercive practices shall be in writing.

- 3.4 The Government defines, for the purposes of this provision, the terms set forth below as follows:
- (a) “corrupt practice” means offering, giving, or promising to give, directly or indirectly, to any officer or employee of a Procuring Entity or other governmental/private authority or individual a gratuity in any form, an employment or any other thing or service of value, as an inducement with respect to an act or decision of, or method followed by, a Procuring Entity in connection with the procurement proceeding;
 - (b) “fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement proceedings or the execution of a Contract to the detriment of the Employer,
 - (c) “collusive practice” means a scheme or arrangement among two or more Tenderers with or without the knowledge of the Employer (prior to or after proposal submission) designed to establish Tender prices at artificial, non-competitive levels and to deprive the Employer of the benefits of free, open and genuine competition; and
 - (d) “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence the procurement proceedings, or affect the execution of a Contract.
 - (e) obstructive practice which means
 - i. Deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede relevant authorities’ investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or
 - ii. Acts intended to materially impede the exercise of the relevant authorities’ inspection and audit rights provided for under par. 3.2 (c) above.
- 3.5 The Government requires that the Client’s personnel have an equal obligation not to solicit, ask for and/or use coercive methods to obtain personal benefits in connection with the said proceedings.
- 3.6 The Contractor shall permit the Employer to inspect the Contractor’s accounts and records and other documents relating to the submission of tender and contract performance, and to have them audited by auditors appointed by the Employer, if so required.

- 4. Interpretation**
- 4.1 In interpreting the GCC, singular also means plural, male also means female or neuter, and the other way around. Headings in the GCC shall not be deemed part thereof or be taken into consideration in the interpretation or construance of the Contract. Words have their normal meaning under the language of the Contract unless specifically defined.
- 4.2 Entire Agreement
- (a) The Contract constitutes the entire agreement between the Employer and the Contractor and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract Agreement.
- 4.3 Non-waiver
- (a) Subject to GCC Sub-Clause 4.3(b), no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.
- 4.4 Severability
- (a) If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
- 4.5 Sectional completion
- (a) If sectional completion is specified in the SCC, references in the GCC to the Works, the Completion Date, and the Intended Completion Date apply to any section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 5. Documents Forming the Contract and Priority of Documents**
- 5.1 The following documents forming the Contract shall be interpreted in the following order of priority:
- (a) The signed Contract Agreement;
- (b) The letter of Notification of Award (and Letter of Acceptance);
- (c) The completed Tender Submission Sheet as submitted by the Tenderer;
- (d) The priced Bill of Quantities as submitted by the Tenderer;

- (e) The Special Conditions of Contract;
- (f) The General Conditions of Contract;
- (g) The Particular and General Specifications;
- (h) The Drawings, and;
- (i) Any other document listed in the SCC as forming part of the Contract.

- 6. Eligibility**
- 6.1 The Contractor and its Sub-Contractors shall have the nationality of a country other than any specified in the SCC.
- 6.2 All materials, equipment, plant, and supplies used by the Contractor in both permanent and temporary works and services supplied under the Contract shall have their origin in any country except those specified in the SCC.
- 7. Governing Language**
- 7.1. The Contract as well as all correspondence and documents relating to the Contract exchanged by the Contractor and the Employer, shall be written in English. Supporting documents and printed literature that are part of the Contract may be in another language, provided they are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 7.2. The Contractor shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
- 8. Governing Law**
- 8.1 The Contract shall be governed by and interpreted in accordance with the laws of the Federal Republic of Nigeria.
- 9. Gratuities / Agency fees**
- 9.1 No fees, gratuities, rebates, gifts, commissions or other payments, other than those shown in the Tender or the Contract, shall be given or received in connection with the procurement process or in the Contract execution.
- 10. Joint Venture, (JV)**
- 10.1 If the Contractor is a joint venture, all of the parties shall be jointly and severally liable to the Employer for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture. The composition or the constitution of the joint venture, shall not be altered without the prior consent of the Employer.
- 11. Confidential Information**
- 11.1 The Employer and the Contractor shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Contractor may furnish to its Sub-Contractor such documents, data, and other information it receives from the Employer to the extent required for the Sub-Contractor to perform its work under the Contract, in which event the Contractor shall obtain from such Sub-Contractor an undertaking of confidentiality similar to that imposed on the Contractor under GCC Clause 11.

- 11.2 The Employer shall not use such documents, data, and other information received from the Contractor for any purposes unrelated to the Contract. Similarly, the Contractor shall not use such documents, data, and other information received from the Employer for any purpose other than the design, construction, or other work and services required for the performance of the Contract.
- 11.3 The obligation of a party under GCC Sub-Clauses 11.1 and 11.2 above, however, shall not apply to information that:
- a) The Employer or Contractor needs to share with institutions participating in the financing of the Contract;
 - b) Now or hereafter enters the public domain through no fault of that party;
 - c) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - d) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 11.4 The above provisions of GCC Clause 11 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Works or any part thereof.
- 11.5 The provisions of GCC Clause 11 shall survive completion or termination, for whatever reason.

12. Communications and Notices

- 12.1 Communications between Parties (notice, request or consent required or permitted to be given or made by one party to the other) pursuant to the Contract shall be in writing to the address specified in the SCC.
- 12.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.
- 12.3 A Party may change its address for notice hereunder by giving the other Party notice of such change to the address.

13. Copyright

- 13.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Employer by the Contractor herein shall remain vested in the Contractor, or, if they are furnished to the Employer directly or through the Contractor by any third party, including Suppliers of materials, the copyright in such materials shall remain vested in such third party.

14. Assignment

- 14.1 The Contractor shall not assign, in whole or in part, its obligations under the Contract, except with the Employer's prior written consent.

- 15. Sub-Contracting**
- 15.1 The Contractor shall obtain approval of the Employer in writing of all Sub-Contracts to be awarded under the Contract if not already specified in the Tender. Sub-Contracting shall in no event relieve the Contractor from any of its obligations, duties, responsibilities, or liability under the Contract.
- 15.2 Sub-Contractors shall comply with the provisions of GCC Clause 3.
- 16. Other Contractors**
- 16.1 The Contractor shall cooperate and share the Site with other Contractors, public authorities, utilities, the Engineer and the Employer between the dates given in the Schedule of Other Contractors, as referred to in the SCC. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.
- 17. Contractor's Responsibilities**
- 17.1 The Contractor shall execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract Agreement.
- 18. Employer's Responsibilities**
- 18.1 The Employer shall pay the Contractor, in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract Agreement.
- 18.2 The Employer shall make its best effort to assist the Contractor in obtaining, if required, any permit, licence, and approvals from local public authorities.
- 19. Scope of Works**
- 19.1 The Works to be executed, completed and maintained shall be as specified in the Bill of Quantities, the General and Particular Specifications and Drawings.
- 19.2 Unless otherwise stipulated in the Contract, the Works shall include all such items not specifically mentioned in the Contract, but that can be reasonably inferred from the Contract as being required for completion of the Works as if such items were expressly mentioned in the Contract.
- 20. Contract Price**
- 20.1 The Contract Price shall be as specified in the Contract Agreement, subject to any additions and adjustments thereto, or deductions therefrom, as may be made pursuant to the Contract.
- 21. Engineer's Decisions**
- 21.1 Except where otherwise specifically stated in the SCC, the Engineer will decide Contractual matters between the Employer and the Contractor in its role as representative of the Employer.
- 22. Queries about the Contract conditions**
- 22.1 The Engineer will clarify queries on the Conditions of Contract.

- 23. Delegation**
- 23.1 The Engineer may delegate any of his duties and responsibilities to his representative except to the Adjudicator, after notifying the Contractor, and may cancel any delegation, without retroactivity, after notifying the Contractor.
- 23.2 Any communications to the Contractor in accordance with such delegation shall have the same effect as if it was given by the Engineer.
- 24. Contractor's Personnel**
- 24.1 The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the SCC, to carry out the functions stated in the Schedule or other personnel approved by the Engineer.
- 24.2 The Engineer will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Schedule.
- 24.3 If the Engineer asks the Contractor to remove a person who is a member of the Contractor's staff or work force from the Site, he shall state the reasons, and the Contractor shall ensure that the person leaves the Site within three (3) days and has no further connection with the work in the Contract.
- 25. Approval of the Contractor's Temporary Works**
- 25.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Engineer, who is to approve them, if they comply with the Specifications and Drawings.
- 25.2 The Contractor shall be responsible for design of Temporary Works.
- 25.3 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Engineer before their use.
- 25.4 The Engineer's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 25.5 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required
- 26. Instructions**
- 26.1 The Contractor shall carry out all instructions of the Engineer that comply with the applicable laws where the Site is located.
- 27. Site Investigation Reports**
- 27.1 The Contractor, in preparing the Tender, shall rely on any Site Investigation Reports referred to in the SCC, supplemented by any information available to the Tenderer.
- 28. Possession of the Site**
- 28.1 The Employer shall give possession of the Site, or parts of the Site, to the Contractor on the date(s) stated in the SCC. If possession of a part is not given by the date stated in the SCC, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.

- 29. Access to the Site** 29.1 The Contractor shall allow the Engineer and any person authorised by the Engineer access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
- 30. Safety, Security and Protection of the Environment** 30.1 The Contractor shall throughout the execution and completion of the Works and the remedying of any defects therein:
- (a) have full regard for the safety of all persons entitled to be upon the Site and keep the Site and the Works in an orderly state;
 - (b) provide and maintain at the Contractor's own cost all lights, guards, fencing, warning signs and watching for the protection of the Works or for the safety on-site, and
 - (c) take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of the Contractors methods of operation.
- 31. Discoveries** 31.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Engineer of such discoveries and carry out the Engineer's instructions for dealing with them.
- 32. Welfare of Labour** 32.1 The Contractor shall provide proper accommodation to his labourers and arrange proper water supply, conservancy and sanitation arrangements at the site in accordance with relevant regulations, rules and orders of the government.
- 32.2 The Contractor shall pay reasonable wages to his labourers, and pay them in time. [In the event of delay in payment the Employer may effect payments to the labourers and recover the cost from the Contractor.]
- 33. Minimum Wage** 33.1 The Contractor shall comply with the applicable minimum age labour laws and requirements of (including applicable treaties which have been ratified by) the Government of Nigeria.
- 34. No Work on holidays** 34.1 The Contractor shall not perform any work on the Site on Sundays, or on any religious or public holiday, without the prior written approval of the Engineer.
- 35. Employer's and Contractor's Risks** 35.1 The Employer carries the risks that the Contract states are Employer's risks and the Contractor carries the risks that the Contract states are Contractor's risks.

36. Employer's Risks

- 36.1 From the Start Date until the Defects Correction Certificate has been issued, the following are Employer's risks:
- (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to
 - (i) Use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or
 - (ii) Negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or Contracted to him except the Contractor.
 - (b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.
- 36.2 From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Employer's risk, except loss or damage due to:
- (a) A Defect which existed on the Completion Date;
 - (b) An event occurring before the Completion Date, which was not itself an Employer's risk; or
 - (c) The activities of the Contractor on the Site after the Completion Date.

37. Contractor's Risks

- 37.1 From the Start Date until the Defects Correction Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risks are Contractor's risks.

38. Insurance

- 38.1 The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles stated in the SCC for the following events which are due to the Contractor's risks:
- (a) Loss of or damage to the Works, Plant, and Materials;
 - (b) Loss of or damage to Equipment;
 - (c) Loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and
 - (d) Personal injury or death.
- 38.2 The Contractor shall deliver policies and certificates of insurance to the Engineer, for the Engineer's approval, before the Start Date. All such insurances shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

- 38.3 If the Contractor does not provide any of the policies and certificates required, the Employer may affect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.
- 38.4 Alterations to the terms of insurance shall not be made without the approval of the Engineer.
- 38.5 Both parties shall comply with conditions of the insurance policies.
- 39. Taxes and Duties** 39.1 The Contractor shall be entirely responsible for all taxes, duties, license fees, and other such levies imposed outside and inside Nigeria.
- 40. Limitation of Liability** 40.1 Except in cases of criminal negligence or wilful misconduct:
- (a) the Contractor shall not be liable to the Employer, whether in Contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Contractor to pay liquidated damages to the Employer and
 - (b) the aggregate liability of the Contractor to the Employer, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective Works, or to any obligation of the Contractor to indemnify the Employer with respect to patent infringement
- 41. Force Majeure** 41.1 The Contractor shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 41.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Contractor that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Contractor. Such events may include, but not be limited to, acts of the Employer in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 41.3 If a Force Majeure situation arises, the Contractor shall promptly notify the Employer in writing of such condition and the cause thereof. Unless otherwise directed by the Employer in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

B. Time Control

- 42. The Works to Be Completed by the Intended Completion Date**
- 42.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Programme submitted by the Contractor, as updated with the approval of the Engineer, and complete them by the Intended Completion Date.
- 43. Programme of Works**
- 43.1 Within the time stated in the SCC, the Contractor shall submit to the Engineer for approval a Programme showing the general methods, arrangements, order, and timing for all the activities in the Works. The programme may be in the form of an Implementation Schedule prepared in Microsoft Project or in any other software programme acceptable by the Employer.
- 43.2 The Contractor shall submit to the Engineer for approval an updated Programme at intervals no longer than the period stated in the SCC. An update of the Programme shall be a Programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 43.3 If the Contractor does not submit an updated Programme at the intervals stated in the SCC, the Engineer may withhold an amount as stated in the SCC from the next payment certificate and continue to withhold this amount until the next due payment after the date on which the overdue Programme has been submitted.
- 43.4 The Engineer's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer again at any time. A revised Programme shall show the effect of Variations and Compensation Events.
- 44. Pro Rata Progress**
- 44.1 The Contractor shall maintain Pro Rata progress of the works. Progress to be achieved shall be pursuant to GCC Sub- Clause 43.1 and shall be determined in terms of the value of the works done
- 45. Early Warning**
- 45.1 If at any time during performance of the Contract, the Contractor or its Subcontractors should encounter events, circumstances and conditions that may adversely affect the quality of the work, increase the Contract Price or delay the execution of the Works, the Contractor shall promptly notify the Engineer in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Contractor's notice, the Engineer shall evaluate the situation, and the Contractor shall cooperate with the Engineer in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced. The Engineer may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion

Date. The Contractor shall provide the estimate as soon as reasonably possible.

46. Extension of the Intended Completion Date

- 46.1 The Engineer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost. The Engineer shall notify the Contractor accordingly, with a copy to the Employer.
- 46.2 The Engineer shall decide whether and by how much to extend the Intended Completion Date within twenty-one (21) days of the Contractor asking the Engineer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.
- 46.3 Except in case of Force Majeure, as provided under GCC Clause 41, a delay by the Contractor in the performance of its Completion obligations shall render the Contractor liable to the imposition of liquidated damages pursuant to GCC Clause 68, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 46.2.
- 46.4 If the Contractor fails to complete the Works by the Intended Completion Date, as extended by the Engineer as the case may be, the Contractor shall be liable to pay liquidated damages to the Employer, in accordance with GCC, Sub-Clause 68.1.

47. Acceleration

- 47.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Engineer will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the Employer and the Contractor.
- 47.2 If the Employer accepts the Contractor's priced proposals for acceleration, they are incorporated in the Contract Price and treated as a Variation.

48. Delays Ordered by the Engineer

- 48.1 The Engineer may instruct the Contractor to delay the start or progress of any activity within the Works.

49. Management Meetings

- 49.1 Either the Engineer or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

49.2 The Engineer shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken shall be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

C. Quality Control

- 50. Contractor to Construct the Works** 50.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings as scheduled in GCC Sub-Clause 5.1.
- 51. Works open to Inspection** 51.1 All works under the Contract shall at all times be open to inspection and supervision of the Engineer, and the Contractor shall ensure presence of its representatives at such inspections provided proper advance notice is given by the Engineer.
- 52. Identifying Defects** 52.1 The Engineer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Engineer may instruct the Contractor to search for a Defect and to uncover and test any work that the Engineer considers may have a Defect.
- 53. Tests** 53.1 If the Engineer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.
- 54. Examination of Work before covering up** 54.1 No part of the Works shall be covered up or put out of view without the approval of the Engineer. The Contractor shall give notice in writing to the Engineer whenever any such part of the Works is ready for examination and the Engineer shall attend to such examination without unreasonable delay.
- 55. Correction of Defects** 55.1 The Engineer shall give notice to the Contractor, with a copy to the Employer, of any Defects before the end of the Defects Liability Period², which begins at Completion, and is defined in the SCC. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 55.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Engineer's notice.
- 56. Uncorrected Defects** 56.1 If the Contractor has not corrected a Defect within the time specified in the Engineer's notice, the Engineer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

² The Defects Liability Period is usually limited to 12 months, but could be less in simple works.

D. Cost Control

- 57. Bill of Quantities**
- 57.1 The Bill of Quantities shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.
- 57.2 The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
- 58. Changes in the Quantities**
- 58.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than twenty-five percent (25%), provided the change exceeds one percent (1%) of the Initial Contract Price, the Engineer shall adjust the rate to allow for the change.
- 58.2 The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than fifteen percent (15%), except with the prior approval of the Employer.
- 58.3 If requested by the Engineer, the Contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.
- 59. Variations**
- 59.1 All Variations shall be included in updated Programmes produced by the Contractor.
- 60. Payments for Variations**
- 60.1 The Contractor shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request or within any longer period stated by the Engineer and before the Variation is ordered.
- 60.2 If the work in the Variation corresponds with an item description in the Bill of Quantities and if, in the opinion of the Engineer, the quantity of work above the limit stated in GCC Sub-Clause 58.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.
- 60.3 If the Contractor's quotation is found to be unreasonable, the Engineer may order the Variation and make a change to the Contract Price, which shall be based on the Engineer's own forecast of the effects of the Variation on the Contractor's costs.
- 60.4 If the Engineer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

- 60.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 61. Cash Flow Forecasts**
- 61.1 When the Programme is updated, the Contractor shall provide the Engineer with an updated cash flow forecast.
- 62. Payment Certificates**
- 62.1 The Contractor shall submit to the Engineer monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 62.2 The Engineer shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- 62.3 The value of work executed shall be determined by the Engineer.
- 62.4 The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- 62.5 The value of work executed shall include the valuation of Variations, Certified Dayworks and Compensation Events.
- 62.6 The Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- 63. Payments**
- 63.1 Payments shall be adjusted for deductions for advance payments and retention. The Employer shall pay the Contractor the amounts certified by the Engineer within twenty-eight (28) days of the date of each certificate. If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest for commercial borrowing established in Nigeria.
- 63.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator, or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.
- 63.3 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

64. Compensation Events

64.1 The following shall be Compensation Events:

- (a) The Employer does not give access to the Site or part of the Site by the Site Possession Date stated in the SCC.
- (b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.
- (c) The Engineer orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
- (d) The Engineer instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
- (e) The Engineer unreasonably does not approve a subcontract to be let.
- (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to Tenderers (including the Site Investigation Reports), from information available publicly and from a visual inspection of the Site.
- (g) The Engineer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
- (h) Other Contractors, public authorities, utilities, or the Employer do not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
- (i) The advance payment is delayed.
- (j) The effects on the Contractor of any of the Employer's Risks.
- (k) The Engineer unreasonably delays issuing a Certificate of Completion.
- (l) A situation of Force Majeure has occurred, as defined in GCC Clause 41;
- (m) Other Compensation Events described in the SCC or determined by the Engineer shall apply.

64.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Engineer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

64.3 As soon as the Contractor has provided information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost, the Engineer shall assess it, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Engineer shall adjust the Contract Price based on the Engineer's own forecast. The Engineer will assume that the Contractor will react competently and promptly to the event.

64.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Engineer.

65. Change in Laws and Regulations

65.1 Unless otherwise specified in the Contract, if between the date twenty-eight (28) days before the submission of Tenders for the Contract and the date of the last Completion certificate, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Nigeria (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Completion Date and/or the Contract Price, then such Completion Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Contractor has thereby been affected in the performance of any of its obligations under the Contract.

65.2 The Engineer shall adjust the Contract Price on the basis of the change in the amount of taxes, duties, and other levies payable by the Contractor, provided such changes have not already been accounted for in the price adjustment as defined in GCC Clause 66 and/or reflected in the Contract Price.

66. Price Adjustment

66.1 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the SCC. If so provided, the amounts as certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by applying the respective price adjustment factor to the payment amount. The formula indicated below applies:

$$P = A + B (I_m/I_o)$$

where:

P is the adjustment factor

A and B are coefficients³ specified in the SCC, representing the nonadjustable and adjustable portions, respectively, of the Contract; and

I_m is the index prevailing at the end of the month being invoiced and I_o is the index prevailing twenty-eight (28) days before Tender opening.

The index to be used is as published by the [Nigeria Bureau of Standards] on a month basis.

³ The sum of the two coefficients A and B should be 1 (one) in the formula.

66.2 If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

67. Retention

67.1 The Employer shall retain⁴ from each payment due to the Contractor the proportion stated in the SCC until completion of the whole of the Works.

67.2 On completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor, the remaining half shall be repaid when the Defects Liability Period has passed and the Engineer has certified that all Defects notified by the Engineer to the Contractor before the end of this period have been corrected.

67.3 On completion of the whole of the Works, the Contractor may substitute retention money with an unconditional Bank Guarantee.

68. Liquidated Damages

68.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the SCC for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the SCC. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

68.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Engineer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in GCC Sub-Clause 63.1.

69. Bonus

69.1 The Contractor shall be paid a Bonus⁵ calculated at the rate per calendar day if stated in the SCC for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Engineer shall certify that the Works are complete, although they may not be due to be complete.

⁴ The retention amount is usually 5 percent and in no case should exceed 10 percent. If retention money is used in combination with a performance security, the combined amount should not exceed 15 percent of the contract price.

⁵ If early completion would provide benefits to the Employer, this clause should remain; otherwise delete. The bonus is usually numerically equal to the liquidated damages.

70. Advance Payment

70.1 If so specified in the SCC, the Employer shall make advance payment to the Contractor in the amounts and by the dates stated in the SCC against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in an amount equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment.

70.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Engineer.

70.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis as stated in the SCC. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

71. Performance Security

71.1 The Employer may claim against the security if any of the following events occurs for fourteen (14) days or more.

(a) The Contractor is in breach of the Contract and the Employer has notified him that he is; and

71.2 The Performance Security shall be discharged by the Employer and returned to the Contractor.

72. Dayworks

72.1 If applicable, the Dayworks rates in the Contractor's Tender shall be used for small additional amounts of work only when the Engineer has given written instructions in advance for additional work to be paid for in that way.

72.2 All works to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Engineer. Each completed form shall be verified and signed by the Engineer within two (2) days of the work being done.

72.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms

73. Cost of Repairs

73.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall

be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Completion of the Contract

- 74. Completion** 74.1 The Contractor shall request the Engineer to issue a certificate of Completion of the Works, and the Engineer will do so upon deciding that the work is completed.
- 75. Taking Over** 75.1 The Employer shall take over the Site and the Works within seven (7) days of the Engineer issuing a Certificate of Completion.
- 76. Final Account** 76.1 The Contractor shall supply the Engineer with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Engineer shall issue a Defects Correction Certificate and certify any final payment that is due to the Contractor within fifty-six (56) days of receiving the Contractor's account if it is correct and complete. If it is not, the Engineer shall issue within fifty-six (56) days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Engineer shall decide on the amount payable to the Contractor and issue a payment certificate.
- 77. As-built Drawings and Manuals** 77.1 If "As Built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the SCC.
- 77.2 If the Contractor does not supply the Drawings and/or manuals by the dates stated in the SCC, or they do not receive the Engineer's approval, the Engineer shall withhold the amount stated in the SCC from payments due to the Contractor.

F. Termination and Settlement of Disputes

78. Termination

78.1 Termination for Default

- (a) The Employer or the Contractor, without prejudice to any other remedy for breach of Contract, by giving twenty eight (28) days written notice of default to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of Contract
- (b) Fundamental breaches of the Contract shall include, but shall not be limited to, the following:
 - (i) The Contractor stops work for twenty-eight (28) days when no stoppage of work is shown on the current Programme and the stoppage has not been authorized by the Engineer;
 - (ii) The Engineer instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within twenty-eight (28) days;
 - (iii) The Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
 - (iv) The Contractor does not maintain a Security, which is required;
 - (v) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the SCC;
 - (vi) The Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices, as defined in GCC Clause 3, in competing for or in executing the Contract; and
 - (vii) A payment certified by the Engineer is not paid by the Employer to the Contractor within seventy two (72) days of the date of the Engineer's certificate.

78.2 Termination for Insolvency.

The Employer and the Contractor may at any time terminate the Contract by giving notice to the other party if either of the party becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to any party, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the other party.

78.3 Termination for Convenience.

The Employer, by notice sent to the Contractor, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Employer's convenience, the extent to which performance of the Contractor under the Contract is terminated, and the date upon which such termination becomes effective.

78.4 In the event the Employer terminates the Contract in whole or in part, the Employer shall accept the portion of the Works that are complete and ready for handing over after the Contractor's receipt of notice of termination at the Contract. For the remaining portion of the Works, the Employer may elect:

- (a) To have any portion completed by the Contractor at the Contract terms and prices; and /or
- (b) To cancel the remainder and pay to the Contractor an agreed amount for partially completed Works and for materials and parts previously procured by the Contractor, or
- (c) Except in the case of termination for convenience as defined in GCC Sub-Clause 78.3, engage another Contractor to complete the Works, and in that case the Contractor shall be liable to the Employer for any cost that may be incurred in excess of the sum that would have been paid to the Contractor, if the work would have been executed and completed by him.

78.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as is reasonably possible.

79. Payment upon Termination

79.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done and Plant and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the SCC. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.

79.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Engineer shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's foreign personnel employed solely on the Works and recruited specifically for the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

- 80. Property** 80.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor's default.
- 81. Frustration of Contract** 81.1 If the Contract is frustrated by the occurrence of a situation of Force Majeure as defined in GCC Clause 41, the Engineer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made
- 82. Settlement of Disputes** 82.1 Amicable Settlement
- (a) The Employer and the Contractor shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation. **Consideration: reinstate 82.1 (Amicable settlement)**
- 82.2 Appointment of the Adjudicator
- (a) The Adjudicator named in the SCC is jointly appointed by the Employer and the Contractor. If the Employer and the Contractor do not agree on the appointment of the Adjudicator, the Employer will request the Appointing Authority designated in the SCC, to appoint the Adjudicator within 14 days of receipt of such request.
- (b) Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority designated in the SCC at the request of either party, within 14 days of receipt

82.3

Procedures for Disputes:

- (a) If the Contractor believes that a decision taken by the Engineer was either outside the authority given to the Engineer by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator within 14 days of the notification of the Engineer's decision.
- (b) The Adjudicator shall give a decision in writing within 28 days of receipt of a notification of a dispute.
- (c) The Adjudicator shall be paid by the hour at the rate specified in the SCC, together with reimbursable expenses of the types specified in the SCC, and the cost shall be divided equally between the Employer and the Contractor, whatever decision is reached by the Adjudicator. The Contractor shall make all payments (fees and reimbursable expenses) to the Adjudicator, and the Employer shall reimburse half of these payments through the regular progress payments. Either party may refer a decision of the Adjudicator to Arbitration in accordance with GCC Sub-Clause 82.4 within 28 days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above 28 days, the Adjudicator's decision shall be final and binding.

82.4 Arbitration

The arbitration shall be conducted in accordance with the Arbitration Act of Nigeria as at present in force and in the place shown in the SCC. .

Section 4. Special Conditions of Contract

GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
GCC 1.1(h)	The Contractor is <i>[Name, address, and name of authorized representative]</i> .
GCC 1.1(q)	The Employer is Rural Electrification Agency
GCC 1.1(r)	The Engineer is REA Director Projects
GCC 1.1(w)	The Intended Completion Date for the whole of the Works shall be [] WEEKS.
GCC 1.1(ac)	The Site is located at { } and is defined in drawings No: <i>[insert numbers]</i>
GCC 1.1(af)	The Start Date shall be <i>[insert date]</i> 15 days after taking over site
GCC 1.1(aj)	The Works consist of <i>[brief summary, including relationship to other Contracts under the Project]</i> .
GCC 4.5	The Sectional Completion Dates are: 4 Weeks
GCC 5.1(i)	The following documents also form part of the Contract: <i>No additional documents</i>
GCC 6.1	Materials/equipment/plant shall not be supplied from the following country of origin:
GCC 12.1	<p>The addresses for the purpose of communications under this contract is :</p> <p style="padding-left: 40px;">(a) For the Employer:</p> <p style="padding-left: 40px;">The Managing Director/CEO, Rural Electrification Agency, 22 Freetown Street, Off Adetokumbo Ademola Crescent, Wuse 2, Abuja</p> <p style="padding-left: 40px;">(b) For the Contractor: [insert name, address and contact details]</p>

GCC 21.1	<p>The Engineer shall obtain specific approval of the Employer before taking any of the following actions:</p> <ul style="list-style-type: none"> (a) Consenting to the subcontracting of any part of the Works under GCC Clause 15; (b) Certifying additional cost determined under GCC Clause 64; (c) Determining an extension of time under GCC Clause 46; (d) Issuing a variation under GCC Clause 60, except in an emergency situation, as reasonably determined by the Project Engineer; (e) Fixing rates or prices under GCC Clause 60. 								
GCC 24.1	Schedule of key personnel is as follows: [<i>contractor to provide details</i>]								
GCC 28.1	Possession of site shall be within 15 days from the date of signing of the Contract Agreement.								
GCC 28.2	Commencement of work shall be within 15 days of from the date of handing over possession of the site								
GCC 28.3	Completion of works shall be within Weeks/Months from the date of commencement of work on site.								
GCC 38.1	<p>The minimum insurance cover shall be:</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 5%; text-align: center;">(a)</td> <td>The maximum deductible for insurance of the Works and of Plant and Materials is Naira [<i>amount</i>] <i>[the Contractor shall provide this amount at the time of Contract signing].</i></td> </tr> <tr> <td style="text-align: center;">(b)</td> <td>The minimum cover for insurance of the Works and of Plant and Materials in respect of the Contractor's faulty design is Naira [<i>amount</i>]. <i>[the amount could be 110% of the value of the works, plant and materials that may be lost in a worst case scenario].</i></td> </tr> <tr> <td style="text-align: center;">(c)</td> <td>The maximum deductible for insurance of Equipment is Naira [<i>amount</i>]. <i>[the Contractor shall provide this amount at the time of Contract signing].</i></td> </tr> <tr> <td style="text-align: center;">(d)</td> <td>The minimum cover for loss or damage to Equipment is Naira [<i>amount</i>]. <i>[the amount could be 110% of the replacement value of the equipment]</i></td> </tr> </table>	(a)	The maximum deductible for insurance of the Works and of Plant and Materials is Naira [<i>amount</i>] <i>[the Contractor shall provide this amount at the time of Contract signing].</i>	(b)	The minimum cover for insurance of the Works and of Plant and Materials in respect of the Contractor's faulty design is Naira [<i>amount</i>]. <i>[the amount could be 110% of the value of the works, plant and materials that may be lost in a worst case scenario].</i>	(c)	The maximum deductible for insurance of Equipment is Naira [<i>amount</i>]. <i>[the Contractor shall provide this amount at the time of Contract signing].</i>	(d)	The minimum cover for loss or damage to Equipment is Naira [<i>amount</i>]. <i>[the amount could be 110% of the replacement value of the equipment]</i>
(a)	The maximum deductible for insurance of the Works and of Plant and Materials is Naira [<i>amount</i>] <i>[the Contractor shall provide this amount at the time of Contract signing].</i>								
(b)	The minimum cover for insurance of the Works and of Plant and Materials in respect of the Contractor's faulty design is Naira [<i>amount</i>]. <i>[the amount could be 110% of the value of the works, plant and materials that may be lost in a worst case scenario].</i>								
(c)	The maximum deductible for insurance of Equipment is Naira [<i>amount</i>]. <i>[the Contractor shall provide this amount at the time of Contract signing].</i>								
(d)	The minimum cover for loss or damage to Equipment is Naira [<i>amount</i>]. <i>[the amount could be 110% of the replacement value of the equipment]</i>								

	(e)	The maximum deductible for insurance of other property is Naira <i>[amount]</i> . <i>[the Contractor shall provide this amount at the time of Contract signing]</i> .
	(f)	The minimum cover for insurance of other property is Naira <i>[amount]</i> . <i>[it is the responsibility of the Contractor to obtain adequate insurance cover for such risks – recommended value 10% of contract price]</i> .
	(g)	The minimum cover for personal injury or death insurance: (i) for the Contractor’s employees is as per the law and common practice in Nigeria. (ii) and for third parties is as per the law and common practice in Nigeria.
GCC 43.1		The Contractor shall submit a Programme for the Works within 15 days of signing the Contract.
GCC 43.2		The contractor shall provide update of the Programme every Four (4) Weeks during the period of the contract
GCC 55.1		The Defects Liability Period is 12 months.
GCC 64.1(m)		The following events shall also be Compensation Events: <i>[N/A]</i>
GCC 66.1		The Contract is not subject to price adjustment.
GCC 67.1		The proportion of payments retained is 10 percent.
GCC 69.1		The Bonus for the whole of the Works is <i>[N/A]</i> .
GCC 70.1		If funds are available, Advance Payment may be made to eligible Contractor at a maximum of 15% of the Contract Price after signing the Contract Agreement and after Contractor’s submission of unconditional bank guarantee on the specified format (Form W-7) from a Commercial Bank in Nigeria acceptable to the Employer.

GCC 77.1	The date by which “as-built” drawings are required is <i>[date]</i> 1 month.
GCC 77.2	The amount to be withheld for failing to produce “as-built” drawings is 2.5 percent.
GCC 79.1	The percentage to apply to the value of the work not completed, representing the Employer’s additional cost for completing the Works, is 10 percent.
GCC 82.1(a)() & 82.1(b)() 82.2(c) GCC 82.3(b)	<p>The Adjudicator jointly appointed by the parties is NIGERIAN SOCIETY OF ENGINEERS (NSE)</p> <p><i>Reimbursable expenses of the Adjudicator are transportation, lodging, and subsistence during travel to site</i></p> <p><i>In case of disagreement between the parties, the Appointing Authority for the Adjudicator is the President of the NSE or any qualified person appointed by him.</i></p> <p><i>Place of arbitration will be: Abuja</i></p>

Section 5. Tender and Contract Forms

Form	Title
Tender Forms	
W – 1	Tender Submission Sheet
W – 2	Tenderer Information Sheet
W – 3	Bank Guarantee for Tender Security
Contract Forms	
W – 4	Notification of Award
W – 5	Contract Agreement
W – 6	Bank Guarantee for Performance Security
W – 7	Bank Guarantee for Advance Payment

Forms W1 to W3 comprise part of the Tender Format and should be completed as stated in ITT Clauses 19 and 20.

Forms W4 to W7 comprise part of the Contract as stated in GCC Clause 5.

Tender Submission Sheet (Form W-1)

Invitation for Tender No:

Date:

Tender Package No:

To:

Name and address of Employer]

We, the undersigned, offer to execute in conformity with the Conditions of Contract and associated Contract Documents, the following Works and Related Services, viz:

The total price of our Tender is:

Naira:

[insert value in figures) *[insert value in Words]*

Our Tender shall be valid for the period stated in the Special Instructions to Tenderers and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

If our Tender is accepted, we commit to obtaining a Performance Security in the amount stated in the Special Instructions to Tenderers and valid for a period of 28 days beyond the date of issue of the Certificate of Completion of Works.

We declare that ourselves, and any Subcontractors or Contractors for any part of the Contract, have nationalities from eligible countries and that the materials, equipment and related services will also be supplied from eligible countries. We also declare that the Government of Nigeria has not declared us, and any Subcontractors or Contractors for any part of the Contract ineligible on charges of engaging in corrupt, fraudulent, collusive or coercive practices. Furthermore, we are aware of ITT Clause 3 concerning this and pledge not to indulge in such practices in competing for or in executing the Contract.

We understand that your written Notification of Award shall constitute the acceptance of our Tender and shall become a binding Contract between us, until a formal Contract is prepared and executed.

We understand that you are not bound to accept the lowest evaluated Tender or any other Tender that you may receive.

Signed

In the capacity of:

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

Tenderer Information Sheet (Form W-2)

Invitation for Tender No:		Date	
Tender Package No:			

A. Individual Tenderers

1. General Information of the Tenderer	
1.1	Tenderer's Legal Name
1.2	Tenderer's legal address
1.3	Tenderer's legal status
	Proprietorship
	Partnership
	Limited Liability Company (Registered under the Companies Act,)
	Others
1.4	Tenderer's Year of Registration
1.5	Tenderer's Authorised Representative Information
	Name
	Address
	Telephone / Fax Numbers
	e-mail address
1.6	Tenderer's Value Added Tax Registration Number
1.7	Tenderer's Income Tax Identification Number (TIN)

1.9	Tenderer to attach copies of following documentation:		(a) Articles of Incorporation or Registration of firm. (b) Latest Income Tax Clearance Certificate (c) Latest VAT Clearance Certificate (d) Original letter naming the person authorised to sign on behalf of the Tenderer. (e) Others :	
2. Qualification Information of the Tenderer				
General and Specific Experience				
2.1	Total annual volume of construction work performed in the last five years			
2.2	Work performed as prime Contractor on works of a similar nature and volume over the last five years. Also list details of work underway or committed, including expected completion date			
	Project Name	Name of Employer and contact person	Type of work performed and year of completion	Value of Contract (Naira)
	(a)			
	(b)			
	(c)			
Information on Equipment				
2.3	Major items of Contractor's Equipment proposed for carrying out the works. List all information requested below. Refer also to ITT Sub-Clause 14.1			
	Item of equipment	Description, make and age (years)	Condition (new, good, average, poor) and quantity available	Owned, leased (from whom?) or to be purchased (from whom?)
	(a)			
	(b)			
	(c)			
Personnel Information				
2.4	Qualifications and experience of key personnel proposed for administration and execution of the Contract. Attach biographical data. Refer also to ITT Sub-Clause 13.1 and GCC Sub-Clause 24.1			
	Position	Name	Years of Experience (General)	Years of Experience (in proposed position)

	(a) (b) (c)			
Information on Sub-contractors				
2.5	Proposed Sub-contractors and firms to be involved. Refer to GCC Clause 15			
	Section of the Works	Value of the Subcontract	Subcontractor (Name and address)	Experience in similar work
	(a) (b) (c)			
3. Financial Information of the Tenderer				
3.1	Financial reports or balance sheets or profit and loss statements or auditors' reports or bank references for the past (5 years) with documents or a combination of these demonstrating availability of liquid assets. List below and attach copies.			
3.2	Evidence of access to financial resources to meet the qualification requirements, liquid assets, lines of credit, etc. List below and attach copies of supporting documents.			
3.3	Name, address, and telephone, telex, and facsimile numbers of banks that may provide references if contacted by the Employer.			
3.4	Information on litigation in which the Tenderer is, or has been, involved:			
	(a) Any contract non performed during the past three years prior to the deadline for tender submission: Non-performance of a contract did not occur within the last three (3) years prior to the deadline for tender submission, based on all information on fully settled disputes or litigation. A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract, and where all appeal instances available to the bidder have been exhausted. And (b) pending litigation: list all pending litigation and amounts claimed			
	Cause of Dispute		Result of Settlement and amount involved	
	(b) Pending litigation: list all pending litigation and amounts claimed. (Current cases in this financial year[previous text])			

	Cause of Dispute	Current Position of Case
	Amount involved	Naira
<p><i>Note: The above represents the minimum requirements. These may be added to by the Employer on a case-by-case basis, as necessary. Consideration: Replace 3.4 a & b with comments from Rural Electrification Agency.</i></p>		

B. Individual Members of a Joint Venture

4.1	Each Member of a JVA shall provide all the information requested in the form above, Sections 1-3.
4.2	Attach a power of attorney for each of the authorising signatories of the Tender on behalf of the JVA.
4.3	<p>Attach the Agreement among all Members of the JVA (and which is legally binding on all Members), which shows that:</p> <ul style="list-style-type: none"> (a) all Members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms; (b) one of the Members will be nominated as being in charge, authorised to incur liabilities, and receive instructions for and on behalf of any and all Members of the joint venture; and (c) the execution of the entire Contract, including payment, shall be done exclusively with the Member in charge
<p><i>Note: The above represents the minimum requirements. These may be added to by the Employer on a case-by-case basis, as necessary.</i></p>	

Bank Guarantee for Tender Security (Form W-3)

*[this is the format for the Tender Security to be issued by a Bank
Acceptable to the Employer in accordance with ITT Clause 30]*

Invitation for Tender No:

Date:

Tender Package No:

To:

[Name and address of Employer]

TENDER GUARANTEE No:

We have been informed that *[name of Tenderer]* (hereinafter called “the Tenderer”) intends to submit to you its Tender dated *[date of Tender]* (hereinafter called “the Tender”) for the execution of the Works of *[description of works]* under the above Invitation for Tenders (hereinafter called “the IFT”).

Furthermore, we understand that, according to your conditions tenders must be supported by a Tender Guarantee.

At the request of the Tenderer, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Naira *[insert amount in figures and words]* upon receipt by us of your first written demand accompanied by a written statement that the Tenderer is in breach of its obligation(s) under the Tender conditions, because the Tenderer:

- (a) has withdrawn its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender; or
- (b) does not accept the correction of errors in accordance with the Instructions to Tenderers ITT of the IFT; or
- (c) having been notified of the acceptance of the Tender by the Employer during the period of Tender validity, (i) fails or refuses to furnish the Performance Security in accordance with the ITT, or (ii) fails or refuses to execute the Contract Form,

This guarantee will expire

- (a) if the Tenderer is the successful Tenderer, upon our receipt of a copy of the Performance Security and a copy of the Contract signed by the Tenderer as issued by you; or
- (b) if the Tenderer is not the successful Tenderer, twenty eight days after the expiration of the Tenderer’s Tender validity period, being *[date of expiration of the Tender]*.

Consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

Notification of Award (Form W-4)

Contract No:

Date:

To:

[Name of Contractor]

This is to notify you that your Tender dated *[insert date]* for the execution of the Works for *[name of project/Contract]* for the Contract Price of Naira *[amount in figures and in words]*, as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by *[name of Employer]*.

You are requested to proceed with the execution of the Works on the basis that this Notification of Award shall constitute the formation of a Contract, which shall become binding upon your furnishing a Performance Security within fourteen (14) days, in accordance with ITT Clause 53, and signing the Contract Agreement within twenty-one (21) days, in accordance with ITT Clause 54.

We attach the Contract Agreement and Special Conditions of Contract for your perusal and signature.

Signed

Duly authorised to sign for and on behalf of
RURAL ELECTRIFICATION AGENCY

Date:

Contract Agreement (Form W-5)

THIS AGREEMENT made the *[day]* day of *[month][year]* between *[name and address of Employer]* (hereinafter called “the Employer”) of the one part and *[name and address of Contractor]* (hereinafter called “the Contractor”) of the other part:

WHEREAS the Employer invited Tenders for certain works, viz, *[brief description of works]* and has accepted a Tender by the Contractor for the execution of those works in the sum of Naira *[Contract price in figures and in words]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract hereafter referred to.
2. The documents forming the Contract shall be interpreted in the following order of priority:
 - a. the signed Contract Agreement;
 - b. the letter of Notification of Award
 - c. the completed Tender Submission Sheet as submitted by the Tenderer;
 - d. the priced Bill of Quantities as submitted by the Tenderer;
 - e. the Special Conditions of Contract;
 - f. the General Conditions of Contract;
 - g. the Particular and General Specifications;
 - h. the Drawings, and;
 - i. any other document listed in the SCC as forming part of the Contract.
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and to remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Nigeria on the day, month and year first written above.

For the Employer:

For the Contractor:

Signature

Print Name

Title

In the presence of
Name

Address

Bank Guarantee for Performance Security (Form W-6)

[this is the format for the Performance Security to be issued by a Bank acceptable to the Employer in accordance with ITT Clause 53]

Contract No:

Date:

To:

[Name and address of Employer]

PERFORMANCE GUARANTEE No:

We have been informed that *[name of Contractor]* (hereinafter called “the Contractor”) has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called “the Contract”), the execution of works *[description of works]* under the Contract.

Furthermore, we understand that, according to your conditions, Contracts must be supported by a performance guarantee.

At the request of the Contractor, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Naira *[insert amount in figures and in words]* upon receipt by us of your first written demand accompanied by a written statement that the Contractor is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

This guarantee is valid until *[date of validity of guarantee]*, consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

Bank Guarantee for Advance Payment (Form W-7)

[this is the format for the Advance Payment Guarantee to be issued by a commercial bank of Nigeria in accordance with SCC Clause 70]

Contract No:

Date:

To:

[Name and address of Employer]

ADVANCE PAYMENT GUARANTEE No:

We have been informed that *[name of Contractor]* (hereinafter called “the Contractor”) has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called “the Contract”), the execution of works *[description of works]* under the Contract.

Furthermore, we understand that, according to your conditions, Advance Payments must be supported by a bank guarantee.

At the request of the Contractor, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Naira *[insert amount in figures and in words]* upon receipt by us of your first written demand accompanied by a written statement that the Contractor is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

We further agree that no change, addition or other modification of the terms of the Contract to be performed, or of any of the Contract documents which may be made between the Employer and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee is valid until *[date of validity of guarantee]*, consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

Section 6. Bill of Quantities

BEME/BOQ SHALL BE MADE AVAILABLE TO PREQUALIFIED BIDDERS

Section 7. General Specifications

All goods and materials to be supplied for installation on the project must be new and unused.

Standards for equipment and materials specified in the Bidding Documents shall be used.

Erection of Overhead Lines

This specification covers the erection of 33/11/0.4kV overhead lines on reinforced concrete poles.

The Contractor shall be responsible for the acquisition of right of way, route survey and pegging.

Clearance to buildings

The minimum clearance to buildings shall be 3m.

Tree cutting

All trees within the line right of way (ROW) which does not exceed 3 meters and are within the location of the poles must be cut down.

Also all other trees on the ROW that are considered to interfere with the stringing of the line must be cut down. Other trees outside the line ROW considered as threat to the power line during operations will equally be cut or trimmed.

Reinforced Concrete Poles

Pre-Stressed Reinforced HT concrete poles shall be used throughout the project.

HT Concrete poles shall be standard BS, IEC Pre Stressed reinforced concrete suitable for outdoor installation, length 10.36m for HT and 8.53m for LT with load bearing capacity of 450 kg, and maximum ultimate transverse head load at 0.6m from pole top of not less than 7.8 KN.

The Concrete poles shall be buried to a depth of 1.8m and where erected in marshy areas shall be duly reinforced by the use of concrete foundation to a depth of atleast 1.5m. The concrete mix shall be 2:3:4. The min volume of concrete shall be 0.6mx0.6mx1.5m (LxBxH).

All pole routes shall be surveyed and poles properly aligned in vertical position before applying the concrete foundation.

All erected H-Poles shall have the channel iron members adequately earthed. The points of earthing connection shall be accessible for inspection. The resistance of such earthing connections shall not be more than **10 Ohms**.

Anti-Climbing Guards

These must be fitted in suitable positions where climbing is facilitated

Danger Plates

Conspicuous “DANGER” plates shall be provided and fixed on all poles at approximately 2m above ground. Danger plate shall be fixed at substations and positioned at the base of the transformer.

Pole Numbering

Pole number shall be printed on the pole immediately below the “DANGER” plate position.

Crossarms and Tie Straps

Fibre glass Cross arms shall be used for intermediate single poles. Cross arms for terminal and section poles shall be Galvanized Steel Angle Iron of appropriate lengths depending on the line deviation.

Fibreglass material shall be designed and manufactured to resist weather conditions, lightweight tested to ASTM 7-11 standard. An equivalent IEC or British Standard is acceptable for installation on HT distribution network.

The Crossarms and Tie Straps shall be hot dip galvanized in Zinc. The Zinc coating shall be uniform, smoothly adherent, reasonably bright, continuous and free from impurities such as flux, ash or bulky white deposits and blisters.

The Zinc used for galvanizing fabricated material shall be of high grade electrolytic Zinc of 99.95% purity.

Tie Strap with matched holes drilled on crossarms and concrete poles shall be used.
Bended tie straps shall be rejected.

Pin Spindles

Spindles shall be fitted to give mean conductor spacing of about 950mm.

Insulator Pins

Insulator pins shall comply with the test requirements as per IEC-61514 and IEC-62219.

The pins shall be of single piece obtained preferably by the process of forging. They shall not be made by joining, welding, shrink fitting or any other process using more than one piece of material. The pins shall be of good finish, free from flaws and other defects. The finish of the collar shall be such that a sharp angle between the collar and the shank is avoided. All ferrous pins, nuts and washers, except those made of stainless steel, shall be galvanized. The threads of nuts and tapped holes, when cut after galvanizing shall be well oiled or greased.

Pin and Strain Insulators

The insulators shall comply with the IEC-60273 and IEC-60694 standards.

The porcelain shall be sound, free from defects, thoroughly vitrified and smoothly glazed. The Mechanical Failing Load for Pin Insulators shall be suitable for a minimum failing load of 10kN applied in transverse direction and Strain Insulators shall be suitable for a minimum failing load of 70kN applied axially.

Tension Sets

The fittings shall consist of cross arm strap and forged steel ball eye for attaching the socket end of the strain insulator to the cross arm strap conforming to IEC-60120.

Fittings for strain insulators with conventional dead-end clamps for use with tongue & clevis or ball & socket type insulators shall consist of the following components:

Bolts Nuts & Washers

Bolts shall comply with BS 4190, grade 4.6 and Nuts shall comply with BS 4190, grade 4. Each bolt shall be supplied with one nut.

Threads: Threads shall be in accordance with BS 3643. Lengths of threads shall be related to the length of the bolt or stud as follows:-

<u>Length of Bolt</u>	<u>length of Thread</u>
Up to and including 180mm	Standard BS 4190
Over 180mm	150mm

Washers:

Washer – Round (Flat): Round mild steel washers (flat) shall be in accordance with BS 4320. The washers shall accommodate either M12, M16 or M20 bolts.

Square Curved and Flat washers shall be of mild steel and shall be in accordance with BS 3410.

Conductors

Conductor for HT lines shall be 100mm² Aluminum Conductor Steel Reinforced ACSR code named ‘DOG’ while LT lines shall be 70mm² All Aluminum Conductor AAC.

The conductors shall conform to BS 215 Part 2 or other substantially equivalent IEC Standards

The size of conductors covered by this standard shall be 100mm² with stranding and wire diameter as 7/1.57mm for steel and 6/4.72mm for aluminum, Wind Loading 570N/m² Breaking Load 32,700N and Maximum Working Tension 16,350N.

Span

For projects in windy areas like the northern part of Nigeria, a maximum span of 70m shall be maintained and not more than 8 spans per section for HT lines.

Maximum allowable span length using ACSR shall be 90m on HT and 50m on HT/LT and LT lines only.

The maximum sag and tension on the ACSR at an ambient temperature of 50°C shall be 0.57m and 8,499N (867kgf) respectively.

To allow a reasonable working tolerance, ground clearances of HT lines across roads and accessible to traffic shall be 7m.

Mid-span conductor joints **shall not be allowed**.

Clamps shall have the same electrical conductivity and current carrying capacity or more than the equivalent length of the conductors.

Bare Stranded Copper Conductor

This type of conductor shall be bare annealed stranded copper used for general earthing purposes associated with overhead lines and conform to BS 4109 IEC Standards.

Galvanized Iron (G.I) Stay Sets

The stay set shall consist of the Stay wire, Stay Insulator, Stay rod and Stay block.

G.I Stay Stranded Wires shall comply with the specific requirements of BS 183 and BS 443 or any other equivalent standards. The minimum breaking load of the wires before and after stranding shall be 40.6kN.

Stay Block (Concrete)

The Stay block shall be used in conjunction with stay rods associated with overhead lines and shall be manufactured in accordance with BS 12 for Cement (ordinary and rapid-hardening), BS 882 Aggregates from Natural sources for concrete (Including Granolithic), BS 4027 Sulphate-resisting cement, BS 4483 Steel Fabric for the reinforcement of concrete and or BS CP116 for the Structural use of Precast Concrete.

Galvanized Iron Earth Rods

This galvanized steel Earth rods shall be 1820mm long by 25mm diameter and their connectors shall comply with BS 729, for Hot Dip Galvanized Coatings on Iron and Steel Articles, BS 970, for Wrought Steels in the form of Blooms, Billets, Bars and Forgings and BS 4360, for Weldable Structural Steels.

Steel for rods and couplings shall comply with BS 4360 Grade 43A. After machining, rods shall be hot dip galvanized in accordance with BS 729.

Threads shall be coarse pitch and oiled after galvanizing.

‘D’ Iron and Pin complete with Shackle Insulator

‘D’ Iron and Pin complete with Shackle Insulator shall be used to support and hold in position Aerial Bunched Cables that would be laid along distribution lines.

Surge Arresters

Arresters shall be gapless Metal-Oxide type made of Zinc-Oxide polycrystalline element housed in polymer insulating materials and suitable for pole-top mounting arrangement and shall comply with the IEC 60099-4 standards.

The surge arresters shall be for the protection of power equipment like transformers against system over voltages and lightning surges.

The surge arrester shall be suitable for satisfactory and continuous operation under Moderately hot and humid tropical climate, Wind Loading of 570N/m²Max and Min ambient air temperature 50 deg.C and 5deg.C respectively.

LV Distribution Panel

The LV Distribution Panel enclosure shall be robust, durable and secure, providing all weather and vandal resistant protection. The enclosure shall be made of well-finished 3mm sheet steel. It shall be zinc metal sprayed before being coated in electrostatically charged paint and cured in an oven for a hard, high gloss finish. The door should be such as to avoid ingress of moisture and other elements

It shall be suitable for outdoor installation in an ambient temperature of 50°C and humidity of 95%. The LV Distribution Box shall conform to IP-2x degree of protection and shall have painting as per Standards IEC 60529 and IEC 60947-3: 1999

Erection of Distribution Substations

The distribution substation transformers shall be erected at the positions as specified in the drawings

Sub-station earthing

The substation earth resistance shall not be more than 10 Ohms.

LV Distribution Panel(s)

The contractor shall supply and install Low Voltage (LV) Distribution Panels complete with HRC Fuses.

Pre-Commissioning Test of Distribution Substations

The following tests shall be conducted before commissioning each distribution substation:

The Measurement and recording of transformer Winding Resistance, transformer Insulation Resistance, transformer Turns Ratio.

Testing of HT Line

All sections of the substation HT lines shall be tested with High Voltage Test equipment.

Earth Resistance Test

Earth resistance measurement shall be carried out with the appropriate instrument. Resistances between zero and Ten Ohms shall be regarded as normal.

Customer Services

16mm² PVC service wires shall be employed for connecting LV Distribution customer premises.

Safety Precaution

It shall be the responsibility of the Contractor to maintain all safety standards as specified by the relevant statute and rules while executing the work.

Section 8. Particular Specifications

A. Contractor's Obligations	
The obligations of the contractor under this contract	
PS. 1	Site interpretation of drawings, route survey, pegging and acquisition of right of way.
PS. 2	Supply and Erection of poles in well plumbed manner
PS. 3	Supply and installation of overhead line conductors and accessories.
PS. 4	Supply and Installation of Distribution Transformers complete with relevant switchgears, connection of underground cables and earth linking systems.
PS. 5	Ensure early conclusion of Testing and Commissioning of the facility
PS. 6	Provision of service connections to eligible customers (if specified).
B. Progress of Works& Certification	
PS. 7	After mobilization fee (if applicable), no other payment will be made until Stage 1 of the works has been fully completed and certified.
PS. 8	<p>Grid Expansion contract shall be executed in the following minimum order/stages:</p> <p>Stage 1: (a) Land preparation including Surveying, Digging, Pegging, Pole Supply and Erection</p> <p>Stage 2: (a) Pole dressing (b) Stay erection and stringing</p> <p>Stage 3: Installation of Substations</p>

	Stage 4: Pre-commissioning Test/ Commissioning
PS. 9.1	Progress to the next stage of work will be permitted after the Engineer has certified the completion of works in the previous stage.
PS.9.2	Interim and Final payment Certificates shall be issued only upon satisfactory completion of each stage under PS.8.

Section 9. Drawings

