



**ENERGY COMMISSION OF NIGERIA
PLOT 701C, CENTRAL AREA, ABUJA
INVITATION TO TENDER AND EXPRESSION OF INTEREST (EOI)**



1.0 INTRODUCTION

- 1.1 The Energy Commission of Nigeria (ECN) is the Government organ with the statutory mandate for the Strategic planning and Co-ordination of National Policies in the field of Energy in all its ramifications to ensure adequate, reliable, cost-effective and sustainable energy supply for nation's economic and socio-political development. In compliance with the Public Procurement Act 2007, the Commission wishes to undertake the procurement of Works, Goods and Services under the 2023 capital projects.
- 1.2 Competent and Experience contractors/consultants are invited to apply for the Technical and financial bids, and Expression of Interest (EOI) of the various projects of the Commission for the 2023 fiscal year.

2.0 SCOPE OF WORKS/SERVICES:

CATEGORY-A (WORKS)

S/NO	LOT NO.	NAME OF PROJECTS/DESCRIPTION//LOCATION	APP
1	LOT-A01	LANDSCAPING, FENCING, GATE, GATE HOUSE AND GENERATOR HOUSE FOR THE ADMINISTRATIVE BLOCK COMPLEX OF THE CENTRE	Serial No. 1
2	LOT-A02	DESIGN AND PROVISION OF SMART RENEWABLE ENERGY BASED ELECTRICITY OPTION FOR A RURAL HEALTH CLINIC IN SOUTH-SOUTH NIGERIA	Serial No. 2
3	LOT-A03	RESEARCH AND DEVELOPMENT SOLAR PHOTOVOLTAIC (PV) TECHNOLOGY: (I) RESEARCH AND DEVELOPMENT OF 2000W ELECTRIC POWERED VEHICLE SUITABLE FOR COMMERCIAL PASSENGER USE (II) PROFESSIONAL TRAINING PROGRAMMES ON SPVI, MINI-GRID DESIGN, ENERGY AUDIT /ENERGY EFFICIENCY IN BUILDINGS, SOLAR THERMAL , BIOMASS ENERGY "	Serial No. 3
4	LOT-A04	RESEARCH AND DEVELOPMENT ON SOLAR THERMAL SYSTEMS: (I) DESIGN, CONSTRUCTION AND PERFORMANCE ANALYSIS OF DOUBLE EXPOSURE SINGLE SOLAR STILL WITH NANO-ENHANCED PHASE CHANGE MATERIALS, DESIGN OF LABORATORY SCALE SOLAR AND WIND SIMULATORS (III) DETAILED PERFORMANCE EVALUATIONS OF NANO COATED, NANO-ENHANCED ENERGY STORAGE MATERIAL ON SINGLE SLOPE SOLAR STILL (IV) DEVELOPMENT OF SOLAR POWERED HYBRID INCUBATORS FOR RURAL FARMERS(V) DESIGN AND DEVELOPMENT OF A SOLAR POWERED REFRIGERATOR AND AIR CONDITIONING WITH THERMOELECTRIC EFFECT AND PCM STORAGE SYSTEM"	Serial No. 4
5	LOT-A05	FABRICATION AND INSTALLATION OF SOLAR WATER HEATING SYSTEMS, INSTALLATION AND PERFORMANCE STUDIES OF A COMMUNITY BASED LARGE SOLAR DRYER IN SOME SELECTED LOCATIONS AT KEBBI, SOKOTO AND ZAMFARA STATES (SERC, SOKOTO).	Serial No. 5
6	LOT-A06	INTERNET FACILITIES & SECURITY CCTV A. UPGRADING OF INTERNET FACILITIES AND ACCESSORIES, B. INSTALATION OF WIDE COVERAGE CCTV / SECURITY PROTECTIVE GADGETS AND C. UPGRADING OF INTERCOM FACILITIES AND SUPPLY OF OFFICE EQUIPMENT (NACHRED CENTRE, ILORIN)	Serial No. 6
7	LOT-A07	SUPPLY AND INSTALLATION OF WORKSHOP EQUIPMENT (I) SUPPLY OF DEEP CYCLE BATTERIES AND INVERTER FOR NCERD BUILDINGS (II) SUPPLY OF WORKSHOP EQUIPMENT FOR MECHANICAL WORKSHOP; 2 NO. MOWING MACHINE (III) SUPPLY OF MATERIALS (AVR, CABLES ETC.), REPAIR AND MAINTENANCE OF THE NCERD 50KVA DIESEL POWER GENERATOR (IV) SUPPLY OF MATERIALS, REPAIR AND MAINTENANCE OF DAMAGED SOLAR THERMAL BUILDING ROOF AND PERIMETER FENCE OF THE NCERD "	Serial No. 7
8	LOT-A08	DEVELOPMENT OF SOLAR PV COMPACT MOBILE GENERATOR AND SOLAR POWERED IRRIGATION SYSTEMS (SPIS) -MOBILE SURFACE SOLAR PUMP (SERC, SOKOTO)	Serial No. 8
9	LOT-A09	CONSTRUCTION AND EQUIPING OF MULTI-PURPOSE RESEARCH WORKSHOP	Serial No. 9
10	LOT-A10	RENEWABLE ENERGY SYSTEMS INSTALLATIONS AND MAINTENANCE CRANE VEHICLE (E.G.FOR WIND TURBINES INSTALLATIONS AND MAINTENANCE) (SERC, SOKOTO)	Serial No. 10
11	LOT-A11	RESEARCH AND DEVELOPMENT ON BIOMASS ENERGY SYSTEMS: (I) BIODIESEL REACTOR, SOURCING AND ASSESSMENT OF SEVERAL NON-EDIBLE SEEDS/FRUITS TO ASCERTAIN SUITABLE ONES FOR BIODIESEL PRODUCTION. (II) DESIGN AND DEVELOPMENT OF BIOGAS PRODUCTION SYSTEM, SCRUBBING AND STORAGE SYSTEM; DESIGN AND FABRICATION OF HEAT POWERED FUME EXTRACTOR USING THERMOPILE APPLICATION (III) ASSESSMENT AND QUANTIFYING THE MITIGATING HEALTH AND CLIMATE IMPACT OF ADOPTING INTEGRATED SUSTAINABLE ENERGY SOLUTION IN THE NIGERIAN HOUSEHOLD ENERGY SECTOR (IV) PORTABLE COMBUSTION GAS ANALYZER ENERAC 700, ION CHROMATOGRAPHY INSTRUMENT, TENAX TA- STAINLESS TD STEEL TUBES- CONDITIONED/CAPPED- PK 10 (CODE C1-AAXX-5003), DIGITAL WEIGHING BALANCE (OHAUS) (V) 1.0 HP COMPRESSOR, 6KG GAS CYLINDERS, CONSTRUCTION OF 2 GAS SCRUBBERS TANKS, CHEMICAL FOR SCRUBBING, GAS BURNERS, BIOGAS ANALYZER (HORIBA MULTI COMPONENT GAS ANALYZER VA-5000 SERIES	Serial No. 11
12	LOT-A12	DESIGN AND FABRICATION OF PNEUMATIC/HYDROLIC RIG MACHINE FOR EXPLORATION OF OIL AND GAS POWERED USING GREEN ENERGY	Serial No. 12
13	LOT-A13	DEVELOPMENT OF INTEGRATED MODULAR REFINERY	Serial No. 13
14	LOT-A14	PROVISION AND INSTALLATION OF SOLAR STREET LIGHT AT KOFAR DUMI, BAUCHI, BAUCHI STATE	Serial No. 14
15	LOT-A15	CONSTRUCTION OF SOLAR POWERED BOREHOLES FOR RURAL COMMUNITY OF EESKOSIN, OSUN STATE AND ENVIRONS	Serial No. 15
16	LOT-A16	NIGERIA ENERGY HOUSE	Serial No. 16
17	LOT-A17	COMPLETION OF STAFF OFFICE BLOCK (THIRD PHASE) AND LANDSCAPING (SERC, SOKOTO)	Serial No. 17
18	LOT-A18	UPGRADE OF 20 YEARS OLD ECN FIVE (5) FLOOR BUILDING FOR COVID-19 AND AMAC COMPLIANCE AND ENHANCE SECURITY	Serial No. 18
19	LOT-A19	PRODUCTION OF ENERGY EFFICIENT LED LAMPS (PILOT PROJECT)	Serial No. 19

20	LOT-A20	DEVELOPMENT OF LABORATORY FOR CALIBRATION AND DESIGN OF ENERGY EFFICIENT HEAT RECOVERY SYSTEMS FOR INDUSTRIES	Serial No. 20
21	LOT-A21	RESEARCH AND DEVELOPMENT ON CLEAN COAL TECHNOLOGIES (III) LIQUID COALS FOR RUNNING ENGINES AND FACILITIE; SCREW PRESS BRIQUETTING MACHINE (VI) OCTANE NUMBER ANALYZER (V)MASS PRODUCTION OF OPTIMUM COMPONENT COAL BRIQUETTES COCOMBUSTION OF COALS WITH DIFFERENT AGRICULTURAL RESIDUES "	Serial No. 21
22	LOT-A22	RENOVATION/COMPLETION OF BUILDING: BAUCHI (A) COMPLETION OF ADMINISTRATIVE BUILDING FOR NCPRD BAUCHI (B) LANDSCAPING AND ACCESS ROAD (C) INSTALLATION OF ACCESSORIES AND OFFICE EQUIPMENTS (D) PROCUREMENT OF FURNITURES (LABORATORY AND OFFICE) (E) INSTALLATION OF INTERNET FACILITIES AND ACCESSORIES, CCTV AND E-LIBRARY DEVELOPMENT, COMPUTER AND ACCESSORIES"	Serial No. 22
23	LOT-A23	PILOT PROJECT:POWER GENERATION AT DOWNSTREAM OF UNIVERSITY OF ILORIN SMALL DAM USING HYDROKINETIC TURBINE SYSTEM AND LOWHEAD TURBINE(CROSS FLOW TURBINE (NATIONAL CENTRE FOR HYDROPOWER RESEARCH AND DEVELOPMENT ,UNIVERSITY OF ILORIN)	Serial No. 22
24	LOT-A24	PROVISION AND INSTALLATION OF SOLAR STREET LIGHT IN KAPWIS AND FAN DISTRICT OF BARKIN-LADI/RIYOM FEDERAL CONSTITUENCY	Serial No. 23
25	LOT-A25	SOLAR WATER HEATERS PROMOTION FOR ELECTRICITY DEMAND MANAGEMENT AND CLIMATE CHANGE MITIGATION;	Serial No. 24
26	LOT-A26	DESIGN AND CONSTRUCTION OF10KW OFF-GRID SOLAR-POWERED AGRO(RICE, MELON, GARRI, GROUNDNUT, ETC.) PROCESSING COTTAGE INDUSTRY FOR RURAL WOMEN/COMMUNITY COOPERATIVES IN SELECTED COMMUNITIES OF EACH OF THE 36 STATES, NIGERIA	Serial No. 25
27	LOT-A27	DESIGN AND DEPLOYMENT OF SOLAR POWERED MINI GRID POWER SUPPLY SYSTEM AT THE ADMINISTRATIVE BUILDING, UNIVERSITY OF NIGERIA NSUKKA, FOR RESEARCH, TEACHING AND DISSEMINATION OF RENEWABLE ENERGY TECHNOLOGY (ii) DESIGN, DEVELOPMENT AND CHARACTERIZATION OF R&D OUPUT PROTOTYPES OF THE CENTRE FOR COMMERCIALIZATION AND EXHIBITION AT SCIENCE AND TECHNOLOGY EXPO "	Serial No. 26
28	LOT-A28	DESIGN AND CONSTRUCTION OF PROTOTYPE PLANT THAT RUNS ON AMMONIA-RICH GASES IN SOME NIGERIA PUBLIC INSTITUTIONS USING INDIGENOUS TECHNOLOGY (NATIONAL CENTRE FOR ENERGY EFFICIENCY AND CONSERVATIVE,UNIVERSITY OF LAGOS)	Serial No. 27
29	LOT-A29	PROVISION OF WIND ENERGY TO RURAL FARMERS USING INDIGENOUS TECHNOLOGY (SERC, SOKOTO)	Serial No. 28
30	LOT-A30	CONSTRUCTION AND INSTALLATION OF SOLAR POWERED BOREHOLE IN UVURU COMMUNITY, UZO UWANI LGA, ENUGU STATE (CENTRE FOR ENERGY RESEARCH AND DEVELOPMENT NSUKKA)	Serial No. 29
31	LOT-A31	CONSTRUCTION AND INSTALLATION OF SOLAR POWERED BOREHOLE IN AKPUGO EZEDIKE, UZO UWANI LGA, ENUGU STATE (CENTRE FOR ENERGY RESEARCH AND DEVELOPMENT NSUKKA)	Serial No. 30
32	LOT-A32	ECN DIGITALIZATION PROJECT FOR TRANSPARENCY, ACCOUNTABILITY AND PROCESS EFFICIENCY: i) e-REGISTRY, ii) e-BUDGETING, iii) e-FINANCE & ACCOUNTS, iv) e-PROCUREMENT v) e-LIBRARY vi) PENSIONS AND SERVICE IMPROVEMENT DESKS; vii) PROCUREMENT OF INTERNET INFRASTRUCTURE	Serial No. 31
33	LOT-A33	COMPLETION OF ADMINISTRATIVE BUILDING AND LABORATORY BUILDING AT NACHRED PERMANENT SITE, UNIVERSITY OF ILORIN. (NATIONAL CENTRE FOR HYDROPOWER RESEARCH AND DEVELOPMENT ,UNIVERSITY OF ILORIN)	Serial No. 32
34	LOT-A34	RURAL ELECTRIFICATION OF OGWOPE-OBARIKE ITO-ODIAPA IPINU IN OBI LGA, OJU/OBI FEDERAL CONSTITUENCY, BENUE STATE	Serial No. 33
35	LOT-A35	PROVISION AND INSTALLATION OF SOLAR STREETLIGHTS IN SOME LGAs OF KATSINA CENTRAL SENATORIAL DISTRICT, KATSINA STATE	Serial No. 34
36	LOT-A36	CONSTRUCTION OF INTEGRATED SOLAR STREETLIGHTS IN SELECTED COMMUNITIES, ABIA CENTRAL SENATORIAL DISTRICT	Serial No. 35
37	LOT-A37	COMPLETION OF EKILE, IJIGBAN, ONUEBOR ELECTIFICATION PROJECTS IN ADO/OGBADIBO OKPOKWU FEDERAL CONSTITUENCY, BENUE STATE (NATIONAL CENTRE FOR HYDROPOWER RESEACH AND DEVELOPMENT, ILORIN)	Serial No. 36
38	LOT-A38	PROVISION OF SOLAR STREET LIGHT IN VARIOUS COMMUNITIES IN ISA/SABON-BIRNI FED. CONSTITUENCY, SOKOTO STATE (SOKOTO ENERGY RESEARCH CENTER)	Serial No. 37
39	LOT-A39	CONSTRUCTION OF MEGA WATER SOLAR POWERED BOREHOLES AT SELECTED LOCATIONS IN IBARAPA CENTRAL/IBARAPA NORTH FEDERAL CONSTITUENCY OYO STATE	Serial No. 38
40	LOT-A40	PROVISION OF SMALL HYDRO POWER GENERATION IN AKPABUYO LGA, CROSS RIVER SOUTH SENATORIAL DISTRICT, CROSS RIVER STATE (NATIONAL CENTRE FOR HYDROPOWER RESEARCH AND DEVT, UNI ILORIN)	Serial No. 39
41	LOT-A41	DRILLING OF TUBE WELLS AND INSTALLATION OF MOBILE SOLAR POWERED 3-INCH WATER PUMPS FOR DRY SEASON RICE AND OTHER CROPS FARMING PROGRAMMES IN KEBBI NORTH SENATORIAL DISTRICT, KEBBI STATE (ENERGY RESEARCH CENTRE, UDUS, SOKOTO)	Serial No. 40
42	LOT-A42	CONSTRUCTION OF SOLAR POWERED TOWNHALL WITH RENEWABLE SPORTING FACILITIES IN WAMBA LGA OF AKWANGA, NASSARAWA-EGGON AND WAMBA FEDERAL CONSTITUENCY, NASARAWA STATE.	Serial No. 41
43	LOT-A43	CONSTRUCTION OF INTEGRATED SOLAR STREETLIGHTS, KADUNA NORTH SENATORIAL DISTRICT, KADUNA STATE	Serial No. 42
44	LOT-A44	PROVISION OF SOLAR STREET LIGHTS IN ODUKPAI LGA, CROSS RIVER STATE.	Serial No. 43
45	LOT-A45	PROVISION OF SOLAR STREET LIGHTS IN AKAMKPA AND CALABAR SOUTH LGA IN CROSS RIVER SOUTH SENATORIAL DISTRICT, CROSS RIVER STATE.	Serial No. 44
46	LOT-A46	SUPPLY/INSTALLATION OF (5 NOS.) 300KVA TRANSFORMERS TO DAMATURU/TARMUWA/ GUJBA/GULANI FEDERAL CONSTITUENCY, YOBE STATE.	Serial No. 45

47	LOT-A47	PROVISION OF RURAL SOLAR ELECTRIFICATION IN VILLAGES OF OSUN EAST SENATORIAL DISTRICT, OSUN STATE	Serial No. 46
48	LOT-A48	CONSTRUCTION OF INTEGRATED SOLAR STREET LIGHTS IN CALABAR SOUTH, CALABAR MUNICIPALITY LGA, CROSS RIVER SOUTH SENATORIAL DISTRICT, CROSS RIVER STATE.	Serial No. 47
49	LOT-A49	CONSTRUCTION OF INTEGRATED SOLAR STREETLIGHTS IN SELECTED AREAS OF EKITI CENTRAL SENATORIAL DISTRICT, EKITI STATE	Serial No. 48
50	LOT-A50	PROVISION OF SOLAR STREET LIGHTS IN KATSINA CENTRAL SENATORIAL DISTRICT, KATSINA STATE.	Serial No. 49
51	LOT-A51	CONSTRUCTION OF INTEGRATED SOLAR STREET LIGHTS IN ANAMBRA SOUTH SENATORIAL DISTRICT, ANAMBRA STATE (CENTRE FOR ENERGY RESEARCH AND DEVELOPMENT NSUKKA)	Serial No. 50
52	LOT-A52	CONSTRUCTION OF INTEGRATED SOLAR STREET LIGHTS IN ETSAKO WEST AND EAST LGAs, EDO STATE	Serial No. 51
53	LOT-A53	CONSTRUCTION OF INTEGRATED SOLAR STREET LIGHTS IN IKPOKPAN, OREDO, EDO STATE	Serial No. 52

CATEGORY-B (GOODS)

S/No	LOT NO.	Name of Projects/Description//location	
55	LOT-B1	RESEARCH AND DEVELOPMENT PROGRAMME : BIOMASS LABORATORY EQUIPMENT (I) STANDARD FOR PARTICLE SIZE ANALYZER; DEUTERIUM LAMP FOR AAS; CADMIUM LAMPS FOR AAS; NEBULIZER FOR AAS; COBALT LAMPS FOR AAS; (II) NITROUS OXIDE CYLINDER WITH GAS (99.999% PURE) WITH REGULATOR; FLAME PHOTOMETER; SAMPLING ACCESSORIES FOR SHIMADZU DTG-60 (THERMAL ANALYZER) (III) DIGITAL WEIGHING BALANCE (0.0001G); BOMB CALORIMETRE, (IV) PROTEIN DIGESTOR; FIBRE ANALYSER "	Serial No. 63
56	LOT-B2	EQUIPMENT FOR RESEARCH AND DEVELOPMENT ON SOLAR THERMAL SYSTEMS: (I) 2 NO. HOT WIRE ANEMOMETER (WITH SD CARD DATA LOGGING ABILITY) (LUTRON AM 4204/ SPER SCIENTIFIC 850024) (II) 2 NO. FLOW METER (FMU -2000H MRC LAB INSTRUMENTS); KD2 PRO (THERMAL PROPERTIES ANALYZER) (III) RADIOMETER (PMA2100 SOLAR LIGHT, GLOBAL IRRADIANCE MEASUREMENT) (IV) 16 CHANNEL UNIVERSAL DATA LOGGER AND ACCESSORIES (INSTRONIX , RECORDING TEMPERATURE, HUMIDITY, AIR SPEED, ETC) (V) 2 NO. HYGROMETER (LUTRON MHB-382SD, HUMIDITY MEASUREMENT); HOT PLATE LABORATORY STIRRER MAGNETIC MIXER (VI) ELECTRONIC WEIGHING SCALE (GODSUN); 1200 W ULTRASONIC HOMOGENIZER SONICATOR (NANO PARTICLES MIXING) "	Serial No. 65
57	LOT-B3	SOLAR PV MODULE RESEARCH AND DEVELOPMENTEQUIPMENT (I) BATTERY TESTER (AUTOMATIVE LOAD ANALYZER 200AH IRON); PHOTOVOLTAIC INSTALLATION TESTER (BENNING PV3);MC4 AND MC3 CRIMPING TOOLS; SOLAR PANEL MULTIMETER TESTER (ELEJOY WS400A) (II) DIGITAL AC/DC CLAMP METER (PEAK METER PM210); BATTERY ANALYZER TESTER WITH PRINTER (INTERFACEDMUDA MICRO-200); CANION LASERJET PRINTER; SOLAR CONNECTORS (MALE AND FEMALS MC3 AND MC\$) (III) PROVISION OF INTEGRATED SOLAR POWERED STREETLIGHT WITHIN THE NCCRD AND UNN PREMISES	Serial No. 65
58	LOT-B4	PROCUREMENT OF OFFICE EQUIPMENT	Serial No. 66
59	LOT-B5	LABORATORY AND FIELD EQUIPMENT	Serial No. 67
60	LOT-B6	PURCHASE OF VEHICLE FOR PROJECT MONITORING	Serial No. 68
61	LOT-B7	FURNISHING OF NCEEC NEWLY COMPLETED LABORATORIES AND OFFICES EQUIPMENT	Serial No. 69
62	LOT-B8	PURCHASE OF MOTORCYCLES AND FOOD ITEMS FOR DISTRIBUTION TO YOUTH, WOMEN AND OTHERS IN BINI,SILAME FEDERAL CONSTITUENCY (SOKOTO ENERGY RESEARCH CENTER)	Serial No. 70

CATEGORY-C (CONSULTANCY)

63	LOT-C1	STUDY AND DESIGN FOR LUBRICATION OIL WASTE MANAGEMENT IN NIGERIA - A CASE STUDY OF SOUTH-SOUTH ZONE	Serial No. 75
64	LOT-C2	NATIONAL PESTICIDE USAGE SURVEY, EXPOSURE AND MONITORING OF RESIDUE	Serial No. 76
65	LOT-C3	ENERGY EFFICIENCY AND ENVIRONMENT RESEARCH AND FIELD STUDIES (I) MONITORING AND EVALUATION OF AUTOMOBILE/POWER GENERATING SET RELATED ENVIRONMENTAL EMISSIONS (II) DETERMINANTS OF SOLAR ENERGY DEMAND IN HOUSEHOLDS AT NSUKKA AREA, ENUGU STATE1.0M (III) SURVEY OF BIOMASS (FUEL WOOD AND CHARCOAL) FUEL CONSUMPTION USING FOA SURVEYS & BENCHMARK MODEL IN THE SOUTH-SOUTH AND SOUTH-EAST ZONES (IV) RECALIBRATION OF LABORATORY EMISSIONS MEASUREMENT SYSTEM(LENS) "	Serial No. 77
66	LOT-C4	MEDIA PROMOTION AND SENSITIZATION CAMPAIGN ON CLEAN AND RENEWABLE ENERGY AND ENERGY EFFICIENCY USE	Serial No. 78
67	LOT-C5	PREFEASIBILITY STUDY & DEVELOPMENT OF SMALL HYDROPOWER (SHP) FOR SELECTED RIVERS IN SELECTED LOCATIONS IN SOUTH WEST, SOUTH SOUTH & NORTH CENTRAL GEOPOLITICAL ZONES (NACHRED CENTRE, ILORIN)	Serial No. 79
68	LOT-C6	ASSESSMENT OF GEO-THERMAL ENERGY RESOURCES OF THE CENTRAL BENUE TROUGH/WORKSHOP, NIGERIA PHASE II	Serial No. 80
69	LOT-C7	RESERVOIR ASSESSMENT OF CRETACEOUS UNIT OF THE UPPER BENUE TROUGH AND OTHER INLAND BASINS (frontier basins)	Serial No. 81
70	LOT-C8	FUELWOOD CONSUMPTION SURVEY USING FOA SURVEY MODEL IN SOUTH WEST ZONE	Serial No. 82
71	LOT-C9	NATIONAL SURVEY OF NIGERIA CONSUMERS ACCEPTANCE OF FOOD IRRADIATION	Serial No. 83
72	LOT-C10	RESEARCH AND DEVELOPMENT PROGRAMMES MODELING OF IMPACT OF RESERVOIR OPERATIONS ON ECOLOGICAL INTEGRITY OF LARGE HYDROPOWER RESERVOIR, LIFE	Serial No. 84

		CYCLE ASSESSMENT OF LARGE HYDROPOWER PLANT, CORROSION POTENTIAL OF HYDROPOWER RESERVOIR INFLOW, OPTIMAL ELECTRICAL LOAD SURVEY, DESIGN AND CONSTRUCTION OF VARIOUS HYDRO AND HYBRID ENERGY SYSTEM COMPONENTS TO MAXIMISE GENERATION OF HYDROPOWER FOR THE ENHANCEMENT OF ELECTRICITY PRODUCTION IN THE COUNTRY (NACHRED CENTRE, ILORIN)	
73	LOT-C11	NATIONAL WORKSHOP ON PETROLEUM POTENTIALS OF THE NORTHERN BENUE TROUGH AND OTHER INLAND BASINS	Serial No. 85
74	LOT-C12	NATIONAL WORKSHOP ON GEO-THERMAL ENERGY RESOURCES OF THE CENTRAL BENUE TROUGH, NIGERIA	Serial No. 86
75	LOT-C13	ADOPTION AND POPULARIZATION OF WEB-DRIVEN GIS-BASED TOOL FOR THE IDENTIFICATION OF LARGE-SCALE/ON-GRID RE POTENTIAL PROJECT SITES IN NIGERIA THROUGH LINKAGES WITH INTERNATIONAL PARTNERS (GESTO)	Serial No. 87
76	LOT-C14	PROMOTION OF GENDER MAINSTREAMING IN SUSTAINABLE ENERGY DEVELOPMENT IN NIGERIA	Serial No. 88
77	LOT-C15	NATIONAL ENERGY DATA BANK UPGRADE	Serial No. 89
78	LOT-C16	NATIONAL COUNCIL OF SCIENCE, TECHNOLOGY & INNOVATION, POWER, NATIONAL PLANNING, WATER RESOURCES ETC	Serial No. 90
79	LOT-C17	ENERGY DEMAND AND SUPPLY PROJECTIONS STUDY FOR NIGERIA 2020 - 2050	Serial No. 91
80	LOT-C18	SCIENCE AND TECHNOLOGY EXPO	Serial No. 92
81	LOT-C19	THE GAZETTING, PRINTING AND POPULARIZATION OF THE APPROVED REVISED NATIONAL ENERGY POLICY (NEP) AND NATIONAL ENERGY MASTER PLAN (NEMP)	Serial No. 93
82	LOT-C20	AWARENESS CREATION ON ECN LAW TO POSITION IT AS THE NATIONAL FOCAL POINT FOR RENEWABLE ENERGY & ENERGY EFFICIENCY	Serial No. 94
83	LOT-C21	NATIONAL ENERGY SUMMIT AND ENERGY TRANSITION	Serial No. 95
84	LOT-C22	SOLAR RADIATION AND WIND MEASUREMENT EQUIPMENT	Serial No. 96
85	LOT-C23	SURVEY AND DOCUMENTATION OF ALL RENEWABLE ENERGY INSTALLATIONS IN SIX (6) GEOPOLITICAL ZONES	Serial No. 97
86	LOT-C24	(A) ENERGY EFFICIENCY PROGRAMMES FOR INDUSTRIAL, DOMESTIC AND TRANSPORTATION (B) ENERGY AUDIT OF UNIVERSITY OF LAGOS, SOUTH WEST (PHASE 1) TO REDUCE ENERGY WASTE (C) PROJECT MONITORING EQUIPMENT MOBILE (2 NOS. HILUX AND TOYOTA COROLLA) (D) ISO 9001:2015 CERTIFICATION RENEWAL	Serial No. 98
87	LOT-C25	POPULARIZATION OF ENERGY CONSERVATION AND EFFICIENCY IN SMALL AND MEDIUM SCALE INDUSTRIES (SME) OWNERS IN LAGOS AND PROVISION OF SELF EMPLOYMENT THROUGH EMPOWERMENT OF YOUTHS IN LAGOS EAST DISTRICT ON ENERGY EFFICIENCY AND TECHNOLOGIES (NATIONAL CENTRE FOR ENERGY EFFICIENCY AND CONSERVATIVE, UNIVERSITY OF LAGOS)	Serial No. 99
88	LOT-C26	EMPOWERMENT OF YOUTH AND WOMEN ON SHEEP AND GOATS REARING WITH STIPENDS AND CASH ASSISTANCE TO SMALL BUSINESS FOR MEN AND WOMEN IN BINJI/SILAME FEDERAL CONSTITUENCY (SOKOTO ENERGY RESEARCH CENTER)	Serial No. 100
89	LOT-C27	YOUTHS TRAINING AND EMPOWERMENT FOR SELF RELIANCE ON RENEWABLE ENERGY TECHNOLOGIES IN BAKURA/ MARADUN, ZAMFARA STATE (NATIONAL CENTRE FOR ENERGY, RES.& DEV., NSUKKA)	Serial No. 101
90	LOT-C28	TRAINING AND EMPOWERMENT OF YOUTH IN INSTALLATION/REPAIR OF SOLAR STREET LIGHT IN ANKA/TALATA MAFARA, ZAMFARA STATE (NATIONAL CENTRE FOR HYDROPOWER RES. & DEV.,)	Serial No. 102
91	LOT-C29	YOUTHS TRAINING AND EMPOWERMENT FOR SELF RELIANCE ON RENEWABLE ENERGY TECHNOLOGIES IN ANKA/TALATA MAFARA, ZAMFARA STATE (NATIONAL CENTRE FOR HYDROPOWER RES. & DEV.,)	Serial No. 103
92	LOT-C30	TRAINING OF WOMEN AND YOUTHS IN VARIOUS SKILLS IN ISA/SABON-BIRNI FED.CONSTITUENCY, SOKOTO STATE (SOKOTO ENERGY RESEARCH CENTER)	Serial No. 104
93	LOT-C31	TRAINING AND EMPOWERMENT OF YOUTH IN INSTALLATION/REPAIR OF SOLAR STREET LIGHT IN BAKURA/ MARADUN ZAMFARA STATE (NATIONAL CENTRE FOR ENERGY, RES.& DEV., NSUKKA)	Serial No. 105
94	LOT-C32	TRAINING ON RENEWABLE ENERGY FOR WOMEN AND YOUTH OF IDEMILI NORTH AND SOUTH FEDERAL CONSTITUENCY, ANAMBRA STATE	Serial No. 106

3.0 ELIGIBILITY REQUIREMENTS

The following requirements for Tender shall be submitted:

- Evidence of Certificate of Incorporation issued by the Corporate Affairs Commission (CAC) including Form CAC_{1,1} or CAC₂ and CAC₇. Business Name with Form BN1 is also acceptable for Services;
- Evidence of Company's Income Tax Clearance Certificate (or Personal Income Tax Clearance Certificates of all the Partners in case of Business Name) for the last three (3) years valid till 31st December, 2023;
- Evidence of Pension Clearance Certificate valid till 31st December, 2023 (this requirement is only applicable to bidders whose number of staff is 15 and above);
- Evidence of Industrial Training Fund (ITF) Compliance Certificate valid till 31st December, 2023 (this requirement is only applicable to bidders whose number of staff is 5 and above or the bidder's annual turnover is ₦50m and above);
- Evidence of Nigeria Social Insurance Trust Fund (NSITF) Clearance Certificate valid till 31st December, 2023;
- Evidence of Registration on the National Database of Federal Contractors, Consultants and Service Providers by submission of Interim Registration Report (IRR) expiring on 31/12/2023 or valid Certificate issued by BPP.
- Sworn Affidavit:

- disclosing whether or not any officer of the relevant committees of the Energy Commission of Nigeria 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 no Director has been convicted in any Country for any criminal offence relating to fraud or financial impropriety or criminal misrepresentation or falsification of facts relating to any matter;
 - that the Company is not in receivership, the subject of any form of insolvency or bankruptcy proceedings or the subject of any form of winding up petition or proceedings;
- h. Company's Audited Accounts for the last three (3) years - 2020, 2021 & 2022;
 - i. Reference Letter from a reputable Commercial Bank in Nigeria, indicating willingness to provide credit facility for the execution of the project when needed;
 - j. Company's Profile with the Curriculum Vitae of Key Staff to be deployed for the project, including copies of their Academic/Professional qualifications such as COREN, QSRBN, ARCON, CORBON etc.;
 - k. Verifiable documentary evidence of at least three (3) similar jobs (in size, nature & complexity) executed in the last five (5) years including Letters of Awards, Valuation Certificates, Job Completion Certificates and Photographs of the projects;
 - l. List of Plants/Equipment with proof of Ownership/Lease Agreement;
 - m. Category C: Evidence of Firm's current registration/accreditation issued by the relevant regulatory professional body(ies) such as CMD, COREN, QSRBN, ARCON, CORBON, NITDA, etc.;
 - n. Evidence of Current NEMSA License for contractors in the Electric Power Sector issued by the Nigeria Electricity Management Services Agency (NEMSA);
 - o. Only Companies included in the National Automotive Design and Development Council's approved list of local manufacturers of vehicles or their authorised representatives should bid for the Vehicles";
 - p. For Supply of Equipment: Letter of Authorisation as representative of the Original Equipment Manufacturers (OEMs);
 - q. For Joint Venture/Partnership, Memorandum of Understanding (MoU) should be provided (CAC, Tax Clearance Certificate, Pension Clearance Certificate, ITF Compliance Certificate, NSITF Clearance Certificate, IRR & Sworn Affidavit are compulsory for each JV partner)
 - r. All documents for submission must be transmitted with a Covering/Forwarding letter under the Company/Firm's Letter Head Paper bearing amongst others, the Registration Number (RC) as issued by the Corporate Affairs Commission (CAC), Contact Address, Telephone Number (preferably GSM No.), and e-mail address. The Letterhead Paper must bear the Names and Nationalities of the Directors of the Company at the bottom of the page, duly signed by the authorised officer of the firm;

4.0COLLECTION OF TENDER DOCUMENTS – Category A and B

Interested companies are to collect the Standard Bidding Document (SBD) from the office of the Secretary, Public Procurement Unit, Ground floor, Room-0.011, Energy Commission of Nigeria on evidence of payment of a non-refundable fee of **₦10, 000.00** per Lot, paid into the Energy Commission of Nigeria's Remita account in any commercial bank. **Prospective bidders for Category C are NOT expected to pay at this stage except when shortlisted for Request for Proposal (RfP),**

5.0SUBMISSION OF TENDER DOCUMENTS - Category A and B

Prospective bidders are to submit bid for each of the Lot desired, two (2) hard copies each of the technical and financial bids with soft copy of financial bid only in MS Excel format, packaged separately in sealed envelopes and clearly marked as **"Technical Bid"** or **"Financial Bid"**. Thereafter, put the two sealed envelopes together in a bigger sealed envelope addressed to:

**The Director General/CEO
Energy Commission of Nigeria
Plot 701C, Central Business District
P.M.B. 358, Garki,
Abuja.**

and clearly marked with ***the name of the project and the Lot number***. Furthermore, the reverse of each sealed envelope should have the name and address of the bidder and drop in the designated Tender Box at the reception in the premises of the Energy Commission's office in Abuja not later than **10:00am Tuesday 8th August, 2023**.

6.0OPENING OF TECHNICAL BIDS - Category A and B

The technical bids will be opened immediately after the deadline for submission at **10:00am Tuesday 8th August, 2023** at the premises of Energy Commission of Nigeria, Abuja in the presence of observers, while the financial bids will be kept un-opened. Please, ensure that you sign the Bid Submission Register in the office of the Head of Public Procurement Unit, Room-0.011, at ground floor of the Commission headquarters, No. 701C, Central Area Abuja as the Energy Commission of Nigeria will not be held liable for misplaced or wrongly submitted bids. For further enquiries, please contact the "Head of Procurement" on e-mail dg@energy.gov.ng

7.0SUBMISSION OF EXPRESSION OF INTEREST (EOI) - Category C. DOCUMENTS

Interested firms are to submit two (2) bound of Expression of Interest (Eoi) documents separated by dividers and arranged as indicated above. The documents should be submitted in a sealed envelope and addressed to:

**The Director General/CEO
Energy Commission of Nigeria
Plot 701C, Central Business District
P.M.B. 358, Garki, Abuja.**

and clearly marked with (the name of the project and the Lot number). Furthermore, the reverse of each sealed envelope should have the name and address of the bidder and drop in the designated Tender Box at the reception in the premises of the Energy Commission's office in Abuja not later than **10:00am Tuesday 18th July, 2023**

8.0OPENING OF EXPRESSION OF INTEREST (EOI) - Category C. DOCUMENTS

The Eoi documents will be opened immediately after the deadline for submission at **10:00am Tuesday 18th July, 2023** at the premises of Energy Commission of Nigeria, Abuja in the presence of observers. Please, ensure that you sign the Bid Submission Register in the office of Head of Public Procurement Unit, Room-0.011, at ground floor of the Commission headquarters, No. 701C, Central Area Abuja, as the Energy Commission of Nigeria will not be held liable for misplaced or wrongly submitted bids. For further enquiries, please contact the "Head of Procurement" on e-mail, dg@energy.gov.ng

Note: Only shortlisted bidders in Category C, will be invited to collect Request for Proposal (RfP),

9.0GENERAL INFORMATION

- i. Bids/Eoi must be in English Language and signed by an officer authorised by the bidder;

- ii. Bids/EoI submitted after the deadline would not be accepted and would be returned un-opened.
- iii. Outcome of the procurement process will be publicly displayed on the Commission's Notice Boards.
- iv. All bids are expected to include ORIGINAL COPIES of the receipt of Tender fee in their financial bid envelopes.
- v. Companies and Bidders shall not apply for more than Two (2) Lots
- vi. Unsigned Bids will be disqualified. All bids are advised to be Paginated and Signed.
- vii. All costs will be borne by the bidders;
- viii. Submission of bidding document is not a guarantee for the award of contract.
- ix. Standard Bidding Documents can also be collected in soft copies. Failure to adhere to the instruction in the FGN Standard Bidding Documents adapted for this procurement shall result in disqualification Bidder.
- x. All submissions would be verified from the relevant Agencies like Federal Inland Revenue (FIRS), BPP etc.
- xi. This publication does not constitute an offer, nor does it constitute a commitment or obligation on the part of the Commission.
- xii. The EOIs/Technical Bids will be opened in the presence of CSOs and Professional bodies and covered by video recording; invitation link will be sent to bidder who chooses to join the EOI's/bid opening online;
- xiii. Goods & Works: Only pre-qualified bidders at technical evaluation will be invited at a later date for financial bids opening, while the financial bids of un-successful bidders will be returned un-opened
- xiv. Services: Only shortlisted Consultants will be invited at a later date for collection of Request for Proposals;
- xv. The Energy Commission of Nigeria is not bound to select any bidder and reserves the right to annul the Procurement process at any time without incurring any liabilities in accordance with Section 28 of the Public Procurement Act 2007

Signed
Director-General/CEO
Energy Commission of Nigeria, Abuja.