

Annual Procurement Plan for the Financial Year 2022-23

ANNUAL PROCUREMENT PLAN 2022-23 of Nuclear power Corporation of India Ltd is likely to be approximately Rs. 1100 Crores.

NPCIL is making all out efforts to encourage participation of MSME vendors including MSME vendors owned by SC/ST Entrepreneurs, Women Entrepreneurs and achieve the procurement targets.

Sr. No.	Type of Procurement	Project	Particulars / Description
1	Purchase Contract	LWR Project	Supply of Package & Split Air Conditioner
2	Purchase Contract	LWR Project	EPC of Gas based and Condensed Aerosol Based Fire Fighting System
3	Purchase Contract	LWR Project	Procurement of DEC Management System Equipment
4	Purchase Contract	LWR Project	Supply of submersible pumps
5	Purchase Contract	LWR Project	Additional Gantry Cranes for KK34
6	Purchase Contract	LWR Project	Supply of 60 nos. PHE
7	Purchase Contract	LWR Project	Procurement & Supply of 38 Nos. of SS Tanks
8	Purchase Contract	LWR Project	Procurement & Supply of 12 Nos. of SS Tanks (Second lot)
9	Purchase Contract	LWR Project	Supply of CS Tanks of Condensate Collection System (LCM)
10	Purchase Contract	LWR Project	Procurement & supply of hydraulic drain valves
11	Purchase Contract	LWR Project	EPC of DG Package
12	Purchase/maintenance Contracts	LWR Project	ACCIDENT SOURCE TERM EVALUATION CODE (ASTEC)
13	Purchase/maintenance Contracts	LWR Project	SOCRAT
14	Purchase/maintenance Contracts	LWR Project	Risk Spectrum PSA software for analysis work
15	Works Contract	LWR Project	Site specific seismic hazard curve generation and fragility analysis with floor response spectra for KKNPP.
16	Purchase Contract	LWR Project	LWR-Simulator Lab procurement
17	Works Contracts	LWR Project	EPC of Balance of Plant for AFR
18	Purchase Contract	LWR Project	Purchase of Hyper Mesh
19	Purchase Contract	LWR Project	Purchase of Software D-PIPE

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20	Purchase Contract	LWR Project	Purchase of Structural analysis Software
21	Purchase Contract	LWR Project	Purchase of Computer hardware
22	Works contracts/Services contracts	LWR Project	Offshore 2D Seismic & Geophysical studies thru Expert Agency
23	Purchase Contract	LWR Project	Supply of SS Tanks - boric solution storage tanks -04 nos (FAL) and Operating quality coolant storage tanks-04 nos (KBB)
24	Purchase Contract	LWR Project	Procurement of welding electrode
25	Purchase Contract	LWR Project	Procurement of structural steel
26	Purchase Contract	LWR Project	Procurement of Hilti anchor fasteners
27	Works Contract	LWR Project	Procurement of structural steel
28	Works Contract	LWR Project	Procurement of Paint
29	Works Contract	LWR Project	procurement of fasteners
30	Purchase Contract	LWR Project	Extension of power supplyto 360 quartersunder construction at Town Ship.
31	Purchase contract	LWR Project	Supply of commissioning equipment tools,tackles, instruments for flushing flushing to open Reactor.
32	Purchase contract	LWR Project	Procurement of furnitures for Poc building
33	Service Contract	LWR Project	CPM (Contractor Plant and Machinery) policy for heavy duty crawler crane LR11350 for 1 year shifted from KAPP - 3&4 (Kakrapar, Gujarat) to KKNPP - 3&4 site.
34	Service Contract	LWR Project	SFSP and inlant transit insurance policy for transporattion of materail from Tuticorin port to KKNPP siure
35	Service Contract	LWR Project	Loading, Transportation from KKNPP-3&4 to PFBR, BHAVINI, assembly and load testing of LR-11250 Heavy Duty Crawler crane at PFBR, BHAVINI.
36	Service Contract	LWR Project	Providing assistance in operation & maintenance of heavy duty crawler crane and load testing of lifting tackles at KKNPP-3&4
37	Works Contract	LWR Project	Construction of semi covered protective sheds and miscellaneous safety and security related structure
38	Purchase Contract	LWR Project	Procurement of Silica Gel
39	Purchase Contract	LWR Project	Pocurement of test weight for load testing of MHE
40	Service Contract	LWR Project	Hiring of heavy duty crawler crane for KKNPP unit-4
41	Purchase Contract	LWR Project	Procurement of seamless carbon steel pipe for fire water and chilled water systems of KKNPP-3&4

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42	Purchase Contract	LWR Project	Procurement of Fire water spray nozzles
43	Purchase Contract	LWR Project	Procurement of Fire hydrant valves
44	Purchase Contract	LWR Project	Procurement of CO2 portable fire extinguishers for KKNPP-3&4
45	Purchase Contract	LWR Project	Procurement of CS pipe fittings for fire and hilled water systems of KKNPP-3&4
46	Works / Service	LWR Project	Routine operation and maintenance of fire and domestic water system pump house and fire water piping network of Project Office Complex (POC) and infrastructure of KKNPP 3-6.
47	Service Contract	LWR Project	Engineering Services Contract for Balance of Plant works of KKNPP-5&6- Civil Engineering Portion
48	Purchase Contract	LWR Project	Procurement of split Air conditioner, cassette type Air conditioner, Package Air conditioner and maintenance components.
49	Purchase Contract	LWR Project	Supply and installation of High Mast Tower lighting in main gate at Kudankulam Road side.
50	Purchase Contract	LWR Project	Procurement of EOT crane for C&MM warehouse
51	Service Contract	LWR Project	Miscellaneous Mechanical works.
52	Service Contract	LWR Project	Hiring of NDT qualified personnel
53	Service Contract	LWR Project	Hiring of vehicles for transportation of employees
54	Purchase Contract	LWR Project	Livery items procurement, reimbursement including TLD holders, leather shoe, footwear, socks including uniform and stitching charges etc
55	Purchase Contract	LWR Project	Procurement of items for Covid care centre at Labour camp
56	Purchase Contract	LWR Project	Furniture procurement for KK-5&6 office
57	Purchase Contract	LWR Project	Procurement of office containers
58	Purchase Contract	LWR Project	Procurement of Camera
59	Purchase Contract	LWR Project	Establishment of Drawing office facility equipments
60	Service Contract	LWR Project	Man power for providing Office services for day to day activities of Project Management Services in KKNPP-5&6.
61	Purchase Contract	LWR Project	Procurement of consumables and paper for plotter
62	Service Contract	LWR Project	Consultancy Services for implementation of Primavera Software for elaborate project planning of KKNPP-56
63	Purchase Contract	LWR Project	Procurement of Plotter & AMC
64	Works Contract	LWR Project	Construction of Main Guard House
65	Service Contract	LWR Project	Patrolling road for security fence/MPB

Sr. No.	Type of Procurement	Project	Particulars / Description
66	Works Contract	LWR Project	Construction of main plant boundary for KK-3to6
67	Service Contract	LWR Project	Housekeeping of plant infra buildings
68	Service Contract	LWR Project	Horticulture
69	Service Contract	LWR Project	Maintenance of infra buildings
70	Purchase Contract	LWR Project	Providing partitions at Project Office Complex
71	Works Contract	LWR Project	Construction of SBO tank for 5&6
72	Works Contract	LWR Project	Communication/Telephone Infrastructure Network at Main Plant - KK 5&6
73	Service Contract	LWR Project	Annual maintenance contract for fire alarm & PA system of infra structure buildings - KKNPP -3 to 6
74	Service Contract	LWR Project	Annual Maintenance contract for telephone exchange, KKNPP-3 to 6
75	Service Contract	LWR Project	Video Conferencing system of KKNPP-3 to 6, works/ services
76	Works Contract	LWR Project	CCTV , PA and other C&I Infrastructure at Main Plant - KKNPP-5&6
77	Service Contract	LWR Project	Communication system of KKNPP-3 to 6, works/ services
78	Works Contract	LWR Project	Expansion of RO plant at Township
79	Works Contract	LWR Project	Construction of Hospital Expansion Building at Anuvijay Township
80	Works Contract	LWR Project	Construction of water supply and sewerage system for Multistoried Buildings
81	Works Contract	LWR Project	Construction of Crematorium at Anuvijay Township
82	Works Contract	LWR Project	External Electrification works
83	Works Contract	LWR Project	External Communication, FTTH Systems works for residential quarters
84	Works Contract	LWR Project	External Fire protection works
85	Works Contract	LWR Project	Providing Recreational facility structures, Children parks, Landscaping works, Play field and other club facilities etc
86	Works Contract	LWR Project	Providing Solar power lighting systems for common areas for Multi-storeyed buildings and Street lights
87	Works Contract	LWR Project	Rehabilitation of existing STP and augmentation of STP from 1830 Cum/day to 3210 Cum/day
88	Purchase Contract	LWR Project	Miscellaneous Infrastructure facilities including Furnishing of Executive Hostel at Anuvijay Township
89	Purchase Contract	LWR Project	Procurement of Personal Protective Equipment, Safety footwear/ Safety shoe
90	Purchase Contract	LWR Project	Measuring instruments -Purchase, Calibration and Services
91	Purchase Contract	LWR Project	Safety boards, displays and other information signs
92	Service Contract	LWR Project	Safety seminars, competitions and promotional activities.

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93	Service Contract	LWR Project	Operation and Maintenance of Substations
94	Purchase Contract	LWR Project	Procurement of items related to Employees Welfare/ Critical Construction activities/ Procurement of dry fruits for Formation Day
95	Service Contract	LWR Project	Industrial accidental Free Memento for KK-5&6 employees
96	Purchase Contract	LWR Project	Providing OF Cabling network to KK56 quarters of AVTS for cable TV FTTH network
97	Purchase Contract	LWR Project	Procurement of Telephone instruments for KK56
98	Purchase Contract	LWR Project	AV & PA infrastructure facilities in Saralswaram hall and message dissemination system at Anuvijay Township
99	Works Contract	LWR Project	Extension of Telephone exchange facility for new quarters.
100	Purchase Contract	LWR Project	Procurement of IT network Equipments for KK56 site/Township
101	Purchase Contract	LWR Project	Procurement of COTS Softwares.
102	Purchase Contract	LWR Project	Establishment of IT network for KKNPP site/Township (Thin Client/ VDI)
103	Purchase Contract	LWR Project	Establishment of IT network for KKNPP-5 & 6 site/ Township
104	Purchase Contract	LWR Project	Desktop PC, All in One, Laptop, Printer etc.
105	Purchase Contract	LWR Project	Procurement of Servers with virtualization for common IT applications
106	Purchase Contract	LWR Project	Centralized Vulnerability Assessment and Patch Management System for KK1-6 & township offices
107	Purchase Contract	LWR Project	Procurement of Backup solution with network attached storage for KK1-6 Applications
108	Purchase Contract	LWR Project	Procurement of SAP 2000, Primevera licensing, SPPID and other softwares
109	Works Contract	LWR Project	Construction of CMC Building
110	Works Contract	LWR Project	Additional Infrastructre facilities for CMM complex
111	Works Contract	LWR Project	Rest room for Marine Guard, Watch Tower other miscellanaeous works
112	Works Contract	LWR Project	Construction of Roads, drains and RCC trench for Electrical/Instrumentation lines & water supply lines for Multistoried Buildings
113	Service Contract	LWR Project	Work Support Services and Maintenance & Service Contracts
114	Purchase Contract	LWR Project	Procurement of ESL & MM Lab equipments & spares, Emergency equipments and consumables
115	Purchase Contract	LWR Project	Procurement of heavy duty crane
116	Service Contract	LWR Project	Hiring of heavy duty crane
117	Works Contract	LWR Project	EPC- BOP Common Service Package (Erection)
118	Works Contract	LWR Project	Nuclear Equipments & Piping, TG & Secondary Cycle Piping and Sea Water System Packages

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119	Works Contract	LWR Project	TG & Secondary Cycle Piping Packages
120	Works Contract	LWR Project	Sea Water System Packages
121	Works Contract	LWR Project	Design, Engineering, preparation of drawing, supply, fabrication, transportation, erection, documentation & handing over of Pre-Engineered Buildings (PEB) for Warehouses (WH-7 & WH-8) at KKNPP-5&6 site
122	Works Contract	LWR Project	Common Entry Portal (Proposed MGH)- E&I equipments
123	Service Contract	LWR Project	Access Control System and Pass section of KKNPP 3 to 6, works/ services.
124	Works Contract	LWR Project	Sea Water System Mechanical Cleaning Devices Package(MCDS)
125	Purchase Contract	PHWR Project	CS Seamless Pipes for RAPP-
126	Purchase Contract	PHWR Project	CS welded and ERW pipes for
127	Purchase Contract	PHWR Project	Seamless Stainless Steel Pipes for RAPP-7&8(Supply)
128	Purchase Contract	PHWR Project	Snubber Test Bench Facility for
129	Purchase Contract	PHWR Project	Snubber Test Bench Facility for
130	Purchase Contract	PHWR Project	CS & SS Forged Fittings & Flanges for RAPP-7&8 (Supply)
131	Purchase Contract	PHWR Project	CS & SS Wrought BW Fittings for RAPP-7&8 (Supply)
132	Purchase Contract	PHWR Project	Instrumentation valves for sampling line of ECCS and stack (supply)
133	Purchase Contract	PHWR Project	Brass Tube Fittings for sampling line of ECCS and stack (supply)
134	Purchase Contract	PHWR Project	CV top Hatch cover for GHAVP1&2(Supply)
135	Purchase Contract	PHWR Project	Positive displacement Pump GHAVP1&2 (Supply)
136	Purchase Contract	PHWR Project	Silver Gaskets for Operatring stations (Supply)
137	Purchase Contract	All Projects/Stations	Desktops
138	Purchase Contract	All Projects/Stations	Printers
139	Purchase Contract	All Projects/Stations	Cartridges
140	Purchase Contract	All Projects/Stations	Stationery Items
141	Purchase Contract	All Projects/Stations	Antivirus software
142	Purchase Contract	All Projects/Stations	MS Office Software
143	Purchase Contract	All Projects/Stations	Tea Material
144	Purchase Contract	All Projects/Stations	File Cabinets
145	Purchase Contract	All Projects/Stations	Water bottles

Sr. No.	Type of Procurement	Project	Particulars / Description
146	Purchase Contract	All Projects/Stations	RAM, Hard Disk and other related IT Items
147	Purchase Contract	All Projects/Stations	Laborory Items
148	Purchase Contract	All Projects/Stations	Various Chemicals
149	Purchase Contract	All Projects/Stations	Electricals fittings and accessories
150	Purchase Contract	All Projects/Stations	Cables and wires and LED's
151	Purchase Contract	All Projects/Stations	Washroom fittings and plumbing Materials
152	Purchase Contract	All Projects/Stations	Hardwares and tools
153	Purchase Contract	All Projects/Stations	Oils and Lubricants
154	Purchase Contract	All Projects/Stations	Furnitures and fixures
155	Purchase Contract	All Projects/Stations	Folders
156	Purchase Contract	All Projects/Stations	Other related office items
157	Service Contract	All Projects/Stations	Aircondition Repairs
158	Service Contract	All Projects/Stations	Manpower Services
159	Service Contract	All Projects/Stations	Hiring of official vehicle
160	Service Contract	All Projects/Stations	Housekeeping
161	Service Contract	All Projects/Stations	Printing & publicity services
162	Service Contract	All Projects/Stations	Website domain name services
163	Service Contract	All Projects/Stations	Annual Maintenance Services of Assets
164	Service Contract	All Projects/Stations	Publishing of advertisements of Company
165	Service Contract	All Projects/Stations	Website Domain Name renewal services
166	Service Contract	All Projects/Stations	Software such as Tally renewal services
167	Service Contract	All Projects/Stations	Repair & Maintenance Services
168	Service Contract	All Projects/Stations	Legal services
169	Service Contract	All Projects/Stations	Tax Consultant Services

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170	Service Contract	All Projects/Stations	Audit services
171	Service Contract	All Projects/Stations	Telephone and Internet Services
172	Service Contract	All Projects/Stations	Membership of various organizations
173	Service Contract	All Projects/Stations	Repair & Maintenance services
174	Service Contract	All Projects/Stations	Other professional services

* Purchase Preference Clause for MSEs included in Tender Document.

* MSE Procurement Targets are reported in Annual Report.

* Above MSE Procurement is based on Goods and Services expected from MSE .