

Global Tender Enquiry (GTE) - Web hosting of 5 years Procurement Plan- NALCO

5th stream Alumina Refinery								
Contact person: Shri R.K Brahma, ED (P&T)/C, E-mail id:rabin.brahma@nalcoindia.co.in								
Sl. No.	Category (Material/ Service/ Both)	Item Name/ short description	Unit of Measurement	Quantity Per Year				
				2021-22	2022-23	2023-24	2024-25	2025-26
1	Material	Vertical Pressure Leaf Filter / Polishing Filter	No.	4				
2	Material	Agitators (Process areas Digestion, Seed Filtration, Precipitation & Classification)	No.	31				
3	Material	Red Mud Pumps	No.	2				
4	Material	Auto-Rodding Device	No.	66				
5	Material	Nucleonic Density Meter (Radioactive type)	No.	27				
6	Material	Rake Mechanism	No.	9				
7	Material	Rake Drives and Lifting Device (Drives for Clarifiers & Settlers)	No.	9				
8	Material	Mud Level Sensor and Clarity Probe	No.	9				
9	Material	Scale Baskets	No.	2				
10	Material	External Seeding	No.	1				
11	Material	Caustic Concentration Analyser (Density Analyser)	No.	4				
12	Material	Disc Filter	No.	7				
13	Material	Welded Plate Heat Exchangers	No.	8				
14	Material	Angle Valves / Angle Bayonet Valves	Lot	1				
15	Material	Pressure Relief Valves (Safety Valves)	No.	70				
Aluminium Alloy Wire Rod Mill Manufacturing Equipment								
Contact person: Shri S.K Panda, GGM (Proj-CPP)/C, E-mail id:subrata.panda@nalcoindia.co.in								
Sl. No.	Category (Material/ Service/ Both)	Item Name/ short description	Unit of Measurement	Quantity Per Year				
				2021-22	2022-23	2023-24	2024-25	2025-26
16	Both- Material & Service	Equipment- Aluminium Alloy Wire Rod Mill Manufacturing Equipment, Rated Capacity- Alloy wire rod- 40,000 Ton/Year, Range diameter 7.6mm,9.5 mm OR EC wire rod- 60,000 Ton/year Range diameter 7.6mm, 9.5 mm, 12 mm	No.	1	0	0	0	0

In case of service or works procurement, value may also be mentioned.

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GM(CP&SM)

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Procurement Plan for the Year 2020-21 (excluding Coal)

Contact Person: Shri S.Samantray, ED (Commercials-Materials)
E-mail id:sadashiv.samantray@nalcoindia.co.in

Sl.no.	Description of item	Estimated Value of Procurement (Cr.)
1	HFO(heavy Fuel Oil)	751.00
2	Caustic Soda	577.00
3	Calcined Petroleum Coke(CP Coke)	409.00
4	Coal Tar Pitch (CT Pitch)	163.00
5	Lime	59.00
6	LDO(Light Diesel Oil)	12.00
7	Pig Iron	10.00
8	Pulley Rim	11.00
9	Ordinary Cement	3.00
10	Portland Slag	3.00
11	HDPE (High-density polyethylene) Bags	2.00
12	Wheel loader	5.00
13	Rake drives for 5 nos. of HRD tanks and 4 nos. of DCW tanks.	42.70
14	Inter stage cooler for Alimina Hydrate slurry for Stream 1,2,3 &4	2.70
15	Deflection pulleys of Dia.2134 mm and Dia.950 mm	2.20
16	Drive Rope, installation kit and splicing tools	18.00
17	Metalastic bush for BDD (Belt Dislodgement Device)	0.15
18	Koepe Liners	0.24
19	Polyurethane lined split steel backed pulley rim	4.83
20	1137/1067/737 offset shoe form belting for cable belt conveyor.	2.60
21	LOMA Rotameter for Billet Casting Machine mould table	0.02
22	Ceramic Foam Filter-Ceramic Form Filter with expandable Gasket Around it	0.63
23	Insural 80 Mastic, Header Plate for Tee, Boron nytrate for Tip, Boron nitride Alu	0.93
24	Tapid Ramming Mass (TRM)	4.60
25	BIL (Light Insulation Brick)	1.94
26	SemiGraphit Side Slab	14.85
27	Graphitised Cathode Bottom Block	126.90
28	Anode Butt Inspection system	4.50
29	Ladle Cleaning Machine at new LPC (Laddle & Pipe cleaning) Shop	29.60
30	Anode Beam raising jig &Trailer	8.15
31	Revamping of Ladle Skimming Stataion in cast House A	3.20
32	Electrical Cathode Preheating System	22.10
33	Server Upgradation ALPSYS for all the four Lines	60.20
34	Revamping of Mixing Line in Green Anode Plant- I	124.64
35	Furnace Tending Assembly-1 Of Anode Baking Furnace-1	30.00
36	Green Anode Plant-2 Anode Vibro-Compactor Upgradation	18.87
37	Thimble Shot Blasting M/c for RS-1	9.12
38	11th Rectifier Group for Potline 3 & 4	90.70

39	Rectifier Transformer for PL-1 & 2	22.55
40	Ladle Skimming Station & Weigh Bridge for AAP	3.60
41	Service Support for ALPSYS Pot Regulation system	1.00
42	Aluminium Flouride	80.80
43	Alloying Elements(Magnesium & Silicon)	6.00
44	Agitators	34.00
45	Angle valves/Angle Bayonet Valves	28.30
46	Auto-Rodding Device	2.70
47	Caustic Concentration Analyser(Density Analyser)	2.60
48	Vacuum Disc Filter	28.50
49	External Seeding	6.20
50	Mud level sensor & clarity probe	5.40
51	Nucleonic Density Meter(Radioactive type)	1.90
52	Pressure relief valves(safety valves) for medium pressure digestion unit	4.40
53	Rake drivers & lifting device (for clarifiers & settlers)	54.14
54	Rake Mechanism & fluidised scale baskets	23.00
55	Red mud pumps	21.50
56	Slurry Angle Valves	4.50
57	Vertical Pressure Leaf Filter	32.00
58	Welded Plate Heat Exchangers	37.60
59	Technical Services from Rio Tinto Alcan International Limited(RTAIL), the technology licensor for NALCO Alumina Refinery and Aluminium Smelter	26.50
60	Aluminium Alloy Wire Rod Mill Manufacturing Equipment	90.00
61	Thermal Conductivity Meter (Special Type of equipment for R&D Purpose)	0.96
TOTAL		3147.52

Global Tender Enquiry (GTE) - Web hosting of 5 years Procurement Plan- NALCO		
Procurement Plan for the Year 2021-22 (excluding Coal)		
Contact Person: Shri S.Samantray, ED (Commercials-Materials)		
E-mail id:sadashiv.samantray@nalcoindia.co.in		
Sl.no.	Description of item	Estimated Value of Procurement (Crs.)
1	HFO(heavy Fuel Oil)	744.00
2	Caustic Soda	594.00
3	Calcined Petroleum Coke(CP Coke)	428.00
4	Coal Tar Pitch (CT Pitch)	168.00
5	Lime	61.00
6	LDO(Light Diesel Oil)	12.00
7	Pig Iron	10.00
8	Pulley Rim	11.00
9	Ordinary Cement	3.00
10	Portland Slag	3.00
11	HDPE Bags	2.00
12	Aluminium Flouride	80.80
13	Alloying Elements (Magnesium & Silicon)	6.00
TOTAL		2122.80

Global Tender Enquiry (GTE) - Web hosting of 5 years Procurement Plan- NALCO		
Procurement Plan for the Year 2022-23 (excluding Coal)		
Contact Person: Shri S.Samantray, ED (Commercials-Materials)		
E-mail id:sadashiv.samantray@nalcoindia.co.in		
Sl.no.	Description of item	Estimated Value of Procurement(Crs.)
1	HFO(heavy Fuel Oil)	797.00
2	Caustic Soda	725.00
3	Calcined Petroleum Coke(CP Coke)	441.00
4	Coal Tar Pitch (CT Pitch)	173.00
5	Lime	63.00
6	LDO(Light Diesel Oil)	13.00
7	Pig Iron	11.00
8	Pulley Rim	12.00
9	Ordinary Cement	3.00
10	Portland Slag	3.00
11	HDPE Bags	2.00
12	Aluminium Flouride	80.80
13	Alloying Elements(Magnesium & Silicon)	6.00
TOTAL		2329.80

Global Tender Enquiry (GTE) - Web hosting of 5 years Procurement Plan- NALCO		
Procurement Plan for the Year 2023-24 (excluding Coal)		
Contact Person: Shri S.Samantray, ED (Commercials-Materials)		
E-mail id:sadashiv.samantray@nalcoindia.co.in		
Sl.no.	Description of item	Estimated Value of Procurement (Crs.)
1	HFO(heavy Fuel Oil)	821.00
2	Caustic Soda	859.00
3	Calcined Petroleum Coke(CP Coke)	454.00
4	Coal Tar Pitch (CT Pitch)	178.00
5	Lime	65.00
6	LDO(Light Diesel Oil)	13.00
7	Pig Iron	11.00
8	Pulley Rim	13.00
9	Ordinary Cement	3.00
10	Portland Slag	3.00
11	HDPE Bags	2.00
12	Aluminium Flouride	80.80
13	Alloying Elements(Magnesium & Silicon)	6.00
TOTAL		2508.80

Global Tender Enquiry (GTE) - Web hosting of 5 years Procurement Plan- NALCO		
Procurement Plan for the Year 2024-25 (excluding Coal)		
Contact Person: Shri S.Samantray, ED (Commercials-Materials)		
E-mail id:sadashiv.samantray@nalcoindia.co.in		
Sl.no.	Description of item	Estimated Value of Procurement (Crs.)
1	HFO(Heavy Fuel Oil)	846.00
2	Caustic Soda	1154.00
3	Calcined Petroleum Coke(CP Coke)	468.00
4	Coal Tar Pitch (CT Pitch)	183.00
5	Lime	67.00
6	LDO (Light Diesel Oil)	13.00
7	Pig Iron	12.00
8	Pulley Rim	13.00
9	Ordinary Cement	3.00
10	Portland Slag	3.00
11	HDPE Bags	2.00
12	Aluminium Flouride	80.80
13	Alloying Elements(Magnesium & Silicon)	6.00
TOTAL		2850.80