

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	External Seeding	No.	1				
10	Material	Disc Filter	No.	7				
11	Material	Welded Plate Heat Exchangers	No.	8				
12	Material	Angle Valves / Angle Bayonet Valves	Lot	1				
13	Material	Slurry Angle Valves	Lot	1				
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
14	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)

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

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

Contact person: Shri Nil Kumar Mondal, Group General Manager (Smelter), E-mail id: nil.mondal@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
Rolling Plant-Mech								
1	Both Material & Service	Upgradation of Cut to Length Machine in Rolling Plant	No	-	-	1	-	-
Carbon Area-Mechanical								
1	Both Material & Service	Revamping of Anode Cleaning Station in Rodding Shop-1	No	-	-	1	-	-
2	Both Material & Service	Upgradation of Stacking Cranes with Mechanical Grab assembly and modified lifting arrangement of Rodding Shop-1.	No	-	1	-	1	-
3	Both Material & Service	Replacement of Complete Pre-heating Screw of GAP-1.	No	-	-	1	-	-
Capital Repair Group								
1	Both Material & Service	Revamping of Mixing Line in GAP I	No	0	1	0	0	0
2	Both Material & Service	Anode Butt Inspection System in Anode Rodding Shop-1	No	1	0	0	0	0
3	Both Material & Service	New FTA-1 Of ABF-1	No	1	0	0	0	0
4	Both Material & Service	Rectifier Transformer for PL-1 & 2	No	1	0	0	0	0
5	Both Material & Service	11th Rectifier Group for Potline 3 & 4	No	1	0	0	0	0
6	Both Material & Service	Thimble Shot Blasting M/c for RS-1	No	1	0	0	0	0
7	Both Material & Service	Ladle skimming station revamping	No	1	0	0	0	0
8	Both Material & Service	GAP-2 Anode Vibro-Compactor Upgradation	No	1	0	0	0	0
9	Both Material & Service	Cathode Preheating System	No	0	0	1	0	0
10	Both Material & Service	Beam raising jig & Trailer	No	1	0	0	0	0
11	Both Material & Service	Ladle Cleaning Machine at new LPC Shop	No	1	0	0	0	0
12	Both Material & Service	Ladle skimming station & weigh bridge for Angul Aluminium Park	No	1	0	0	0	0
13	Both Material & Service	Natural Gas Burners for Anode Baking Furnace	No	0	550	0	0	0
14	Both Material & Service	Natural Gas Burners for Open Hearth Furnace	No	0	60	0	0	0
Carbon Area-Instrumentation								
1	Both Material & Service	Upgradation of obsolete Fire Regulation system of ABF-1	No	0	0	0	0	1
Pot line –Operation (Basis 120 Pots per year)								
1	Material	Graphitized Carbon cathode carbon bottom block	SET	120	120	120	120	120
2	Material	Semi graphitic cathode carbon side slab	No.	10,440	10,440	10,440	10,440	10,440
3	Material	TRM	MT	600	600	600	600	600
4	Material	BIL Bricks	No.	4,44,000	4,44,000	4,44,000	4,44,000	4,44,000

Global Tender Enquiry (GTE) - Web hosting of 5 years Procurement Plan of Smelter Plant - NALCO**Contact person: Shri Nil Kumar Mondal, Group General Manager (Smelter), E-mail id: nil.mondal@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
Cast house-Operation								
1	Material	Ceramic Foam Filter sz:- 20"x20"x2"	No	2200	2200	2200	2200	2200
2	Material	Header Plate for Tee	No	220	220	220	220	220
3	Material	Transition plate for 6" Air cast billet	No	100	100	100	100	100
4	Material	Transition plate for 7" Air cast billet	No	200	200	200	200	200
5	Material	Transition plate for 8" Air cast billet	No	100	100	100	100	100
6	Material	Transition plate for 9" Air cast billet	No	100	100	100	100	100
7	Material	Thimble for 6" and 7" air cast billet	No	250	250	250	250	250
8	Material	Thimble for 8" ,9" and 10" air cast billet	No	200	200	200	200	200
9	Material	Table refractory for 6" & 7" WAGSTAFF billet casting table	No	1	1	1	1	1
10	Material	Table refractory for 8",9" & 10" LOMA billet casting table	LOT	1	1	1	1	1
11	Material	Boron Nitride Alu-stop-LC 25 for transition plate	Liter	400	400	400	400	400
12	Raw Material	Silicon Metal	MT	190	190	190	190	190
13	Raw Material	Magnesium Metal	MT	150	150	150	150	150
14	Raw Material	Tibor rod	MT	112	112	112	112	112

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

Contact person: Shri Arun Das, GGM (Mines), E-mail id: arun.das@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	Drive rope 51 mm diameter for CB Conveyor	mtr	0	0	0	31000	31000
2	Material	1137/1067 offset shoe belt for CB conveyor.	mtr	1000	1000	2000	2000	2500
3	Material	2134 mm diameter deflection pulley assembly	Each	3	4	4	4	4
4	Material	Steel deflection Pulley 950mm diameter	Each	2	4	0	0	4
5	Material	Poly Rims (Import)	Each	15000	23500	23500	27500	27500
6	Material	Deflection Pulley 575mm diameter (Import)	Each	20	20	20	20	20
7	Material	Metalastic bushes (BDD)	Each	150	150	150	150	150
8	Material	Koepe liner Polyurethane	EA	0	0	172	0	0
9	Material	Koepe liner Aluminium	EA	0	0	172	0	0
10	Material	Koepe liner joining segment	EA	0	0	02	0	0
11	Material	Wheel Loader	No	1	1	2	2	2
12	Material	Ripper Dozer	No	-	1	1	1	1
13	Material	Wheel Dozer	No	-	-	1	-	-
14	Material	Radial Tyres for 100T dumpers	No	20	20	26	26	32
15	Material	Tyres for WA700 loaders	No	15	15	15	15	15
16	Material	Tyres for WA800 loaders	No	3	3	3	3	3
17	Material	Tractor Mounted Vacuum Suction exploratory Drill Machine	No	0	1	0	0	0

Global Tender Enquiry (GTE) - Web hosting of 5 years procurement plan- Refinery Unit-NALCO

Contact person: Shri Bhimasen Pradhan, GGM (Alumina Refinery), E-mail id: bhimasen.pradhan@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	ED XRF (energy dispersive x-ray fluorescence)	No./ Each	1	0	0	0	0
2	Material	Rake drive for HRD DCW tanks for streams 1, 2 & 3 suiting to M/s Rio Tinto Alcan supplied rake mechanism.	Set	9	0	0	0	0
3	Material	Wheel mounted pay loader for carrying coal/ bauxite with bucket capacity 6 to 7 m ³ and engine power 500 to 550 BHP.	No./Each	1	0	1	0	1
4	Material	Thermograph DPA-DCS.	Each	1	0	0	0	0
5	Material	Inter stage cooler type UXP area:2954 m ² (4000 kw)	Each	3	2	2	1	0
6	Material	Welded plate heat exchanger ISC PH-4 (6675 kw)	Each	0	0	1	0	1
7	Material	Agitator gear box for PH - 1 & 2 spent liquor tank (MF 32I2AN)	Each	0	0	1	0	1
8	Material	Agitator gear box for PH - 3 & 4 spent liquor tank (size 96c56-im-v1)	Each	0	1	0	0	1
9	Material	Air lift cloth for plant a and b, single annular piece	Each	3	3	3	3	3
10	Material	Air lift cloth for plant c	Each	4	4	4	4	4
11	Material	Fluidising fabric cloth (woven type) for plant a, b & c discharge air slides	Mtr	50	50	50	50	50
12	Material	Fluidising fabric cloth (woven type) for plant A, B and C ESP air slides,	Mtr	25	25	25	25	25
13	Material	Air slide cloth, size: 1500*1500mm, thickness: 5mm,	Each	3	0	3	0	3
14	Material	Fluidization fabric for Air slide size, width: 1000mm, thickness: 5mm,	Mtr	20	0	20	0	20
15	Material	Fluidization fabric for air slide, size: 610 mm width,	Mtr	30	0	30	0	30

Global Tender Enquiry (GTE) - Web hosting of 5 years procurement plan: Imported items – Refinery unit**Contact person: Shri Bhimasen Pradhan, GGM (Alumina Refinery), E-mail id: bhimasen.pradhan@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	Material	Fluidization fabric for Air slide size:715mm width,	Mtr	20	0	20	0	20
17	Material	Air slide cloth 1200 mm square, thickness:5mm,	Each	3	0	3	0	3
18	Material	Fluidization fabric (woven type) for air slide.	Mtr	20	0	20	0	20
19	Material	Fluidization fabric (woven type) for air slide size: width 1000mm, thickness: 5 mm	Mtr	50	0	50	0	50
20	Material	Fluidising fabric cloth (woven type), size- 1400 mm. x 1400 mm., thickness- 5 mm.	Each	3	0	3	0	3
21	Material	Fluidising fabric cloth (woven type) pipe dia- 80 mm., thickness- 5 mm.	Mtr	150	0	150	0	150
22	Material	Fluidising fabric cloth (woven type) size: width- 464 mm., thickness- 5 mm.	Mtr	20	0	20	0	20
23	Material	Fluidising fabric cloth (woven type) size: width- 465 mm., thickness- 5 mm.	Mtr	20	0	20	0	20
24	Material	Ball mill trunnion bearing 239/1060 k c3	Each	4	0	0	0	0

NB: No service or works procurement, are being envisaged for the Alumina refinery.