









Plant 1.0 MTPA ALUMINA REFINERY STREAM-5	Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	Vendor List : LSTK - 1 (Bauxite Storage / Handling and Bauxite Crushing)			 नेशनल एल्युमिनियम कम्पनी लिमिटेड National Aluminium Company Ltd.
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tkIS India / Vendor <div> <div>Category Codes (Submission Purpose)</div> <div> <input type="checkbox"/> 1 For Approval <input type="checkbox"/> 2 For Review / Comments <input type="checkbox"/> 3 For Information <input type="checkbox"/> 4 For Engineering <input type="checkbox"/> 5 For Enquiry <input type="checkbox"/> 6 For Order Placement <input type="checkbox"/> 7 Final & Approved <input type="checkbox"/> 8 Released for Construction </div> </div> <hr/> <div> <div>Acceptance Codes (Approval Codes)</div> <div> <input type="checkbox"/> 1 Approved <input type="checkbox"/> 2 Approved for Manufacturing / Fabrication with Comments as marked <input type="checkbox"/> 3 Not Approved / Resubmit <input type="checkbox"/> 4 Retained for Information / Records <input type="checkbox"/> 5 Reviewed <input type="checkbox"/> 6 Reviewed as Noted / Resubmit </div> </div> <p>Remarks for AC2 : This marked-up drawings is hereby approved for fabrication / manufacturing and shall be re-submitted after revision. This drawing should be revised only to the extent of tkIS India / Owner / Client comments. Any other changes made by you will not be considered unless clearly highlighted in covering letter asking for approval.</p> <p>This approval / review does not absolve the supplier from the full responsibility for design and fabrication.</p> <p>Date : ___/___/___ Name : _____</p>	tkIS India / Owner / Client <div> <div>Category Codes (Submission Purpose)</div> <div> <input type="checkbox"/> 1 For Approval <input type="checkbox"/> 2 For Review / Comments <input type="checkbox"/> 3 For Information <input type="checkbox"/> 4 For Engineering <input type="checkbox"/> 5 For Enquiry <input type="checkbox"/> 6 For Order Placement <input type="checkbox"/> 7 Final & Approved <input type="checkbox"/> 8 Released for Construction </div> </div> <hr/> <div> <div>Acceptance Codes (Approval Codes)</div> <div> <input type="checkbox"/> 1 Approved <input type="checkbox"/> 2 Approved for Manufacturing / Fabrication with Comments as marked <input type="checkbox"/> 3 Not Approved / Resubmit <input type="checkbox"/> 4 Retained for Information / Records <input type="checkbox"/> 5 Reviewed <input type="checkbox"/> 6 Reviewed as Noted / Resubmit </div> </div> <p>Date : ___/___/___ Name : _____</p>
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00		Approved	02.04.2018	SWB	02.04.2018	BJ	02.04.2018	VSW	-
Rev.	Status	Description	Date	Prepared	Date	Checked	Date	Approved	AC
			Barcode						Category Code: -
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Sr. No.	Item	Group	Vendors	Location	Remarks
1	Vertical Pressure Leaf Filter / Polishing Filter	Process	Gaudfrin	France	Licensor's List
			Outotec	Finland	
			F L Smidth (Eimco)	Germany	
2	Disc Filter	Process	Gaudfrin	France	Licensor's List
			F L Smidth (Make : Dorr-Oliver Eimco)	France	
			Outotec	Finland	
			Bokela GmbH	Germany	
3	Hydrocyclones	Process	KCP Ltd.	Chennai, Tamil Nadu	Licensor's List
			TEGA Industries Ltd.	Kolkata - India	
			NEYRTEC	France	
			AKW	Germany	
4	Pressure Relief Valves (Safety Valves)	Process	Weir Minerals	Hampshire, UK	Licensor's List
			Krebbs (F L Smidth)	USA	
			TYCO VALVES AND CONTROLS INDIA PRIVATE LIMITED (PENTAIR VALVES & CONTROLS)	Vadodara, GJ	
			FARRIS ENGINEERING (BLISS ANAND PRIVATE LIMITED)	USA	
5	Dosing chemicals	Process	Dresser Valves	Coimbatore, TN	tkIS-India List
			ION EXCHANGE (INDIA) LIMITED	Patancheru, India	
			THERMAX LIMITED	Pune, India	
6	Restriction Orifice	Process	NALCO WATER INDIA LIMITED (ONDEO NALCO INDIA LIMITED)	India	NALCO List (Same set of vendors as S. No. 62 in the Instrumentation category)
			BALIGA LIGHTING EQUIPMENTS (P) LTD	India	
			DANIEL MEASUREMENT & CONTROL ASIA PACIFIC	International	
			EUREKA INDUSTRIAL EQUIPMENTS (P) LTD	India	
			FMC MEASUREMENT SOLUTIONS-UK	UK	
			GENERAL INSTRUMENTS CONSORTIUM	India	
			GURU NANAK ENGG WORKS	India	
			INSTRUMENTATION LTD. (PALGHAT)	India	
			JRU CONTROL PVT LTD	India	
			MICRO PRECISION PRODUCTS PVT LTD	India	
			PETROL VALVES SRL	International	
			STAR-MECH CONTROLS (INDIA) PVT LTD	India	
7	SAFETY SHOWERS / EYE WASH	Process	CREATIVE ENGINEERS	Mumbai, MH	tkIS-India List
			FRANCIS LESLIE AND CO PVT LTD	Mumbai, MH	
			UNICARE EMERGENCY EQUIPMENT PRIVATE LIMITED	Mumbai, MH	
			Pradeep Safety Pvt Ltd.	Mumbai, MH	
			Tycos Fire & Integrated Solutions	UK	
			Showers & Eyebaths Limited (HUGHES SAFETY SHOWERS Ltd)	UK	
8	Spray Nozzles	Process	Knowsley S.K. Limited	UK	tkIS-India List
			Lechler (India) Pvt. Ltd., Thane	Thane, MH	
			Siddharth Enterprises, Mumbai	Mumbai, MH	
			SPRAYTECH SYSTEMS (INDIA) PVT. LTD.	Thane, MH	
			SPRAYING SYSTEMS INDIA PVT. LTD.	Bangalore - India	
			Elkhart Products Corporation	USA	
			Flow Control Technologies	France	
9	CS / LTCS / CSRL PRESSURE VESSELS (SHOP FABRICATED) - 30 mm thk and below	Static	Strahman Valves Inc.	USA	tkIS-India List
			MAGIRSHA	Vadodara, GJ	
			ISHAAN EQUIPMENTS, BARODA	Vadodara, GJ	
			UNIFAB ENGINEERING PROJECT PRIVATE LIMITED	Ambernath, MH	
			Raj Engg	Navi Mumbai, MH	
			TITANIUM EQUIPMENT & ANODE MANUFACTURING COMPANY LIMITED	Chennai, TN	
			Furnace Fabrica	Navi Mumbai-MH, Kandla-GJ	
			Flash Forge	Vizag- India	
			PATELS AIRTEMP (INDIA) LTD		
			SAURASHTRA ENGINEERING CORPN. PVT LTD		
			PROGEN SYSTEMS & TECHNOLOGIES LTD		
			GANSONS LTD.		
			PHILS HEAVY ENGINEERING PVT LIMITED		
			PRABHA STEEL INDUSTRIES		
10	Plate Type Heat Exchangers (gasket type)	Static	NEW FIELD INDUSTRIAL EQUIPMENT PVT LTD		NALCO List
			UNIVERSAL HEAT EXCHANGERS LTD		
			V H ENGINEERS		
11	Welded Plate Heat Exchangers	Static	ALFA LAVAL (INDIA) LTD.	Pune, Maharashtra	Licensor's List
			KELVION INDIA PVT. LTD. (Formerly GEA India Pvt. Ltd.)	Pune, Maharashtra	
			SPX Flow	Poland	
12	Digester Vessel	Static	Sondex (Danfoss)	Denmark	Licensor's List
			Barriquand	Belgium	
			FBM Hudson Italiana Spa (ICOSS)	Italy	
13	Shell & Tube Heat Exchangers (Digestion & Pre-Desilication Process Areas)	Static	KELVION INDIA PVT. LTD. (Formerly GEA India Pvt. Ltd.)	Pune, Maharashtra	tkIS-India List
			Lloyd Steel Industries	Wardha, MH	
			ISGEC	Yamuna Nagar, HR	
			Geecy Engg.	Navi Mumbai, MH	
			Anup Engineering	Ahmedabad - India	
			G. R. Engg.	Tarapur, MH	
			Godrej Ltd.	Mumbai, MH	
14		Static	Phils Heavy Engg.	Bhiwandi, MH	Licensor's List
			Vijay Tanks & Vessels	Vadodara - Gujarat	
			ALFA LAVAL (INDIA) LTD.	Pune - India	
			Industrial Manufacturers	Navi Mumbai, MH	
15		Static	Tinifa Engg.	Navi Mumbai	Licensor's List
			Precision Equipment	Chennai - India	



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	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	 नालको NALCO नेपाल एलुमिनियम कार्पोरेशन लिमिटेड National Aluminium Company Ltd.
Sr. No.	Item	Group	Vendors	Location	Remarks
14	SHELL & TUBE HEAT EXCHANGERS (Other Process Areas)	Static	Alfa Laval	Pune - India	tkIS-India List
			Industrial Manufacturers	Navi Mumbai, MH	
			Precision Equipments	Chennai - India	
			TEMA India	Maharashtra - India	
			Anup Engg.	Chennai - India	
			ISGEC	Yamuna Nagar, HR	
			Godrej	Mumbai, MH	
			TITANIUM EQUIPMENT & ANODE MANUFACTURING COMPANY LIMITED	Chennai, TN	
15	Centrifugal Air Compressor (Compressor- Centrifugal : Packaged Integrally Geared)	Rotating	G R Engg.	Tarapur, MH	NALCO List
			ATLAS COPCO COM PTEC INC. USA	USA	
			COOPER TURBOCOMPRESSOR INC. (Now part of Ingersoll Rand)	International	
			FS Compressors (FS Curtis) (ES-ELLIOTT co. tic)	USA	
			GARDNER DENVER WITTIGG	International	
			HITACHI LTD.	International	
			Ingersoll Rand	Ahemdabad	
			KIRLOSKAR PNEUMATIC CO. LTD. (ACD)	Maharashtra - India	
			KOBE STEEL LTD.	Japan	
			MAN TOURBO MACHINERY	International	
			MITSUBISHI HEAVY INDUS' LTD.	Japan	
			GE Oil & Gas (NUOVO PIGNONE SPA)	Italy	
	Air Drying Unit		ELGI EQUIPMENTS LTD.		NALCO List
			GASO ENERGY SYSTEM INDIA PVT LTD	India	
			INDCON PROJECTS & EQUIPMENTS	New Delhi, DL	
			LLOYDS STEEL INDUSTRIES LTD	Maharashtra - India	
			MELLCON ENGINEERS PVT LTD	New Delhi, DL	
			SAHARA AIR PRODUCTS	International	
			PURIPLAIR INDIA PVT LTD, VADODARA	Vadodara, GJ	
			Summits Hygronics Private Limited	Coimbatore, TN	
			SAM Gas	UP - India	
			Nuberg	UP - India	
			DELAIR INDIA PRIVATE LIMITED	Gurgaon, HR	
			ADVANCE COMPAIR SYSTEMS PVT LTD	Thane - Maharashtra	
16	Centrifugal Pumps (Liquor & Slurry Duty)	Rotating	GIW Inc. USA (Subsidiary of KSB)	USA	Licensor's List
			Flowserve	International	
			Metso Minerals	International	
			Weir Minerals	International	
			ITT CORPORATION	International	
17	Vertical Sump Pumps	Rotating	Akay Industries	Dharwad, KR	tkIS-India List
			Kirloskar Bros.	Kirloskarwadi, MH	
			ITT CORPORATION	International	
			Weir Minerals	International	
			Metso Minerals	International	
			SU MOTORS PVT. LTD.	Mumbai - MH	
			C.R.I Pumps	Coimbatore, TN	
			Sam Turbo industries pvt. Ltd.	Coimbatore, TN	
			Kishor Pumps Pvt. Ltd.		
			BEACON WEIR LIMITED	International	
18	Centrifugal Pumps (PUMP- CENT. HOR (GWS) Water Service) & WATER DUTY HORIZONTAL SPLIT CASE (NON- API)	Rotating	BHARAT PUMPS & COMPRESSORS LTD.	Allahabad, UP	NALCO List
			FLOWMORE PUMPS	UP - India	
			FLOWSERVE INDIA CONTROLS PVT. LTD	Coimbatore, TN	
			KIRLOSKAR BROTHERS LTD.	Kirloskarwadi, MH	
			KSB PUMPS LTD.	Pune, MH	
			MATHER & PLATT PUMPS LTD.	Chinchwad, MH	
			SAM TURBO	Coimbatore, TN	
			SU MOTORS PVT. LTD.	Mumbai - MH	
			SULZER PUMPS	Navi Mumbai, MH	
			Grundfoss		
			MICROFINISH PUMPS PVT. LTD., HUBLI	Hubli - India	
19	CENTRIFUGAL PUMPS : CASING & IMPELLER (CD4MCU) NON-API / ANSI PUMPS	Rotating	ITT CORPORATION	International	tkIS-India List
			AKAY INDUSTRIES PRIVATE LIMITED	Dharwad, KR	
			FLOWSERVE INDIA CONTROLS PRIVATE LIMITED	Coimbatore, TN	
			Kirloskar Brothers Ltd.	Kirloskarwadi, MH	
			CRI pumps	Coimbatore, TN	
			Ruhrpumpen	Germany	
			Clyde pumps	UK	
			Sam Turbo	Coimbatore, TN	
			BEACON WEIR LIMITED		
			BHARAT PUMPS & COMPRESSORS LTD.		
			FLOWMORE PUMPS		
			KSB PUMPS LTD.		
			MATHER & PLATT PUMPS LTD.		
			SU MOTORS PVT. LTD.		
			SULZER PUMPS		
			Grundfoss		

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Sr. No.	Item	Group	Vendors	Location	Remarks
20	CENTRIFUGAL PUMPS : CASING - CI & IMPELLER (SS / ALLOY 20 / CS / 2.5% NI-CI) NON-API / ANSI PUMPS	Rotating	MICROFINISH PUMPS PVT. LTD., HUBLI	Hubli - India	tkIS-India List
			ITT CORPORATION	International	
			AKAY INDUSTRIES PRIVATE LIMITED	Dharwad, KR	
			FLOWSERVE INDIA CONTROLS PRIVATE LIMITED	Coimbatore, TN	
			Kirloskar Brothers Ltd.	Kirloskarwadi, MH	
			CRI pumps	Coimbatore, TN	NALCO List
			Ruhrpumpen	Germany	
			Clyde pumps	UK	
			Sam Tourbo	Coimbatore, TN	
			BEACON WEIR LIMITED		
			BHARAT PUMPS & COMPRESSORS LTD.		
			FLOWMORE PUMPS		
			KSB PUMPS LTD.		
			MATHER & PLATT PUMPS LTD.		
			SU MOTORS PVT. LTD.		
			SULZER PUMPS		
			Grundfoss		
21	Agitators (Process areas : Digestion, Seed Filtration, Precipitation)	Rotating	Milton Roy MIXING	International	Licensor's List
			EKATO Agitators	International	
			SPX Flow (Lightnin)	International	
22	Agitators (Other Process areas including Grinding, Pre- Desilication, Security)	Rotating	Milton Roy MIXING	International	Licensor's List
			Remi Process	Mumbai, MH	
			EKATO Agitators	International	
			SPX Flow (Lightnin)	International	tkIS-India List
23	Water Ring Vacuum Pumps & Compressors	Rotating	PPI Pumps Pvt. Ltd.	Ahmedabad - India	
			Sterling Sihi GmbH	Germany	
			Kakati Karshak Pumps	Hyderabad - India	
			Gardner Denver Engineered Products India Pvt. Ltd.	Pune-MH, Ahmedabad-GJ	
			Edwards India Pvt.Ltd. (China supply)	International	
			TMVT Industries Pvt.Ltd.	Ahmedabad - India	
24	F.O. Pumps	Rotating	Leistritz Pumpen GmbH (Thru' Carmel Engineers Private Ltd.)	Germany	tkIS-India List
			Del Pd Pumps & Gears (P) Ltd;	Gujarat - India	
			G&T Resources Worldwide, (Subsidiary Bornemann India Ltd);	International	
			Roto Pumps	Uttar Pradesh - India	
			TUSHACO PUMPS PRIVATE LIMITED	Daman-DD, Vapi-GJ	
			UT Pumps & Systems Pvt. Ltd.	Haryana - India	
25	Rotary Lobe Blowers	Rotating	Viking Pumps	USA	tkIS-India List
			Swam Pneumatics Pvt. Ltd.	Uttar Pradesh - India	
			TMVT Industries Pvt. Ltd.	Ahmedabad - India	
			Kay International	Sonepat, HR	
			Vindi Vak	Ahmedabad - India	
			PPI Pumps Pvt. Ltd.	Ahmedabad - India	NALCO List
			Everest blowers	Bahadurgarh, HR	
			Aerzen		
			Robuschi		
			ACME		
26	Sump Agitators	Rotating	SUDARSHAN CHEMICAL INDUSTRIES (Industrial Mixing solutions Division) (Formerly Rath Vessels & Systems)	Pune, MH	tkIS-India List
			Remi Process	Mumbai, MH	
			Standard Engineers	Mumbai, MH	
			Milton Roy Mixing	France	
			EKATO Agitators	International	
			Mixrite Engineered Systems	Mumbai - MH	
			SPX Process equipment PTE Ltd		
					NALCO List
27	Axial Flow Inline Fans	Rotating	Boldrocchi, Italy	Italy	tkIS-India List
			SOLYVENT FLAKT (INDIA) PRIVATE LIMITED (FLAKT INDIA PRIVATE LIMITED)	Chennai, TN	
			REITZ INDIA LIMITED	Hyderabad - India	
			TLT Engineering India Private Limited	Gujarat - India	
			Chicago Blowers Corporation (Draft Air India Pvt. Ltd.)	USA	
			Nadi Industrial Fans	Chennai - India	
28	HVAC	Rotating	Blue star	India	tkIS-India List
			Voltas	India	
			Daikin	India	
			Carrier	India	
			Sterling & Wilson Pvt Ltd	India	
			Gemini Shreevas Pvt Ltd	India	NALCO List
			Aircon india Incorporated	India	
29	Red Mud Pumps	Rotating	Weir Minerals India Pvt Ltd. (Geho Pumps)	International	Licensor's List
			MHWirth Pumps (Thru' Mekaster International Pvt Ltd.)	International	
			Feluwa Pumpen, GmbH	International	
30	Cranes	Piping - Material Handling	Eddy Cranes	Satara	tkIS-India List
			BRADY AND MORRIS	Ahmedabad, GJ	
			MEEKA MACHINERY	Ahmedabad, GJ	
			SAFEX ENERGY PRIVATE LIMITED	Ahmedabad, GJ	
			SAFEX ELECTROMECH	Ahmedabad, GJ	
			Hitech Industries	Ahmedabad, GJ	
			HARK ENGINEERS PRIVATE LIMITED	Vapi, GJ	
			Hercules Hoists	Khalapur, MH	
			Armsel MHE Pvt Ltd		NALCO List
			Wmi KoneCranes		

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Sr. No.	Item	Group	Vendors	Location	Remarks
31	EL HOIST / CHAIN PULLEY BLOCK	Piping - Material Handling	HERCULES HOISTS LIMITED	Khalapur, MH	tkIS-India List
			MEEKA MACHINERY PRIVATE LIMITED	Ahmedabad, GJ	
			SAFEX ELECTROMECH PRIVATE LIMITED	Ahmedabad, GJ	
			BRADY AND MORRIS ENGINEERING COMPANY LIMITED (W H BRADY AND COMPANY LIMITED)	Ahmedabad, GJ	
			SAFEX ENERGY PRIVATE LIMITED	Ahmedabad, GJ	
			HI TECH INDUSTRIES LIMITED	Ahmedabad, GJ	NALCO List
			Eddy Cranes		
32	Launder Gates (Sluice Gate)	Piping	Armsel MHE Pvt Ltd		tkIS-India List
			JASH ENGINEERING LTD	Indore, MP	
			KIRLOSKAR BROTHERS LIMITED	Pune, MH	
			H. SARKER & CO	Kolkata, WB	
			HINDUSTAN WATER ENGINEERING COMPANY Bankim & Co.	Mandsaur, MP Kolkata, WB	
			Yashwant Industrial Works Pvt. Ltd.	Miraj, Sangli, Maharashtra	
33	Spring Hangers	Piping	Spring Supports Manufacturing Company	West Bengal	tkIS-India List
			Sarathi Engineering	Hyderabad	
			PIPE HANGERS & SUPPORTS PRIVATE LIMITED	Chennai, TN	
			PIPING AND ENERGY PRODUCTS PRIVATE LIMITED	New Delhi, DL	
			TECHNO INDUSTRY	Howrah, WB	
			BERGEN PIPE SUPPORTS (INDIA) PRIVATE LIMITED	Varadaiahpalem Taluk, Andhra Pradesh	
34	Metallic Bellows	Piping	Carpenter & Paterson	India	tkIS-India List
			Metallic Bellows (I) Pvt. Ltd.	Chennai, TN	
			Lonestar Industries	Chennai, TN	
			FLEXICAN BELLOWES AND HOSES PRIVATE LIMITED	Vadodara, GJ	
			FLEXATHERM EXPANLLOW PVT LTD	Vadodara, GJ	
			RRD DECORS PRIVATE LIMITED	Kolkata, WB	
			FLEXINDER SPA	Italy	
			BURGMANN	Germany	
			WITZENMANN	Germany	
			MUNRO & MILLER FITTINGS	UK	
35	Rubber Bellows	Piping	INDUSTRIAL MOULDERS	Vadodara, GJ	tkIS-India List
			MIL INDUSTRIES LIMITED	Chennai	
			RRD DECORS PRIVATE LIMITED	Kolkata, WB	
			MACOGA SA	Spain	
			CORI ENGINEERS PRIVATE LIMITED	Chennai, TN	
			SRM EXOFLEX PVT LTD	Kolkata, WB	

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Sr. No.	Item	Group	Vendors	Location	Remarks
36	CS SEAMLESS / Welded PIPES	Piping	PIPE-CARBON STEEL (SEAMLESS) TO ASTM STANDARDS		NALCO List
			BHEL (TRICHY)	Trichy - India	
			HEAVY METALS & TUBES LIMITED	Gandhinagar, GJ	
			INDIAN SEAMLESS METAL TUBES LTD- AHMEDNAGAR	Ahmedabad, GJ	
			INDIAN SEAMLESS METAL TUBES LTD- BARAMATI	Baramati - Maharashtra	
			JINDAL SAW LTD (NASHIK WORKS)	Nashik - Maharashtra	
			MAHALAXMI SEAMLESS LIMITED	India	
			MAHARASHTRA SEAMLESS LTD	Roha - Maharashtra	
			SAINEST TUBES PVT. LTD.	Gujarat - India	
			PIPE-CARBON STEEL TO INDIAN STANDARDS		
			ADVANCE STEEL TUBE LTD.	UP - India	
			ASIAN MILLS PVT. LTD.	Gujarat - India	
			BMW INDUSTRIES LTD. (BANSAL MECHANICAL WORKS)	Kolkata, WB	
			GOOD LUCK STEEL TUBES LTD.	Uttar Pradesh - India	
			INDUS TUBE LTD.	India	
			JINDAL PIPES LTD.	India	
			JINDAL SAW LTD (KOSI WORKS)	India	
			JINDAL SAW LTD (NASHIK WORKS)	India	
			LALIT PROFILES & STEEL INDUSTRIES LTD	Shahapur, MH	
			LLOYDS METAL & ENGINEERS LTD	India	
			MAHARASHTRA SEAMLESS LTD	Roha, MH	
			MAN INDUSTRIES (I) LTD	India	
			MUKAT PIPES LTD	Tarapur, MH	
			MUKAT TANKS & VESSELS LTD	Tarapur, MH	
			NORTH EASTERN TUBES LTD.	India	
			PRATHIBHA PIPES & STRUCTURAL PVT LTD.	Maharashtra - India	
			RATNAMANI METALS & TUBES LTD	Kutch/Chhatral, GJ	
			SRI SARBATI STEEL TUBES LTD.	India	
			STEEL AUTHORITY OF INDIA LTD	India	
			SURINDRA ENGINEERING CO LTD - (RAJPURA)	India	
			SURINDRA ENGINEERING CO LTD - (MUMBAI)	India	
			SURYA ROSHNI LTD	Bahadurgarh, HR	
			SWASTIK PIPES LTD.	India	
			THE TATA IRON & STEEL CO. LTD.	India	
			WELSPUN GUJARAT STAHL ROHREN LTD.	Gujarat - India	
			PIPES, WELDED-CS to ASTM Standards		tkIS-India List
			INDUS TUBES LIMITED	UP - India	
			JINDAL PIPES LIMITED	Ghaziabad, UP	
			JOTINDRA STEEL AND TUBES LIMITED	Faridabad, HR	
			MAHARASHTRA SEAMLESS LIMITED	Roha, MH	
			SLS TUBES PRIVATE LIMITED	Tarapur, MH	
			SURYA ROSHNI LIMITED	Bahadurgarh, HR	
			ZENITH BIRLA (INDIA) LIMITED	Maharashtra	
			CS Welded Pipe to API 5L Std		NALCO List
			Corus UK Limited (Enq to Delhi Liaison) (India)	UK	
			Europipe GMBH (Germany)	Germany	
			Ilva Lamiera E Tubi SRL) Enq. To ILVA SPA) (Italy)	Italy	
			IPSCO Inc. (Canada)	Canada	
			JEE Steel Corporation (India)	India	
			NPA Pipe Corporation (USA)	USA	
			NIPPON Steel Corporation (Japan)	Japan	
			Productora Mexicana De Tuberia S.A. DE CV (Mexico)	Mexico	
			SIAT S.A.(Enquiry to CONFAB) (Brazil)	Brazil	
			Sumitomo Metal Ind. Ltd. (India)	India	
			Tubacero S.A. (Mexico)	Mexico	
			Umrans Steel Pipe Inc. (Turkey)	Turkey	
			Volski Tube Mill (UK)	UK	
			Jindal Pipes Ltd.	India	
			Maharashtra Seamless Ltd.	Roha - Maharashtra	
			SAIL	India	
			Surya Roshni Laid.	Bahadurgarh, HR	
			Ratnamani Engg. Ltd., Ahmedabad	Kutch/Chhatral, GJ	
			Surinder Engg. Co. Ltd. Mumbai	India	
			Saw Pipes Ltd, New Delhi	India	
			Man Industries (India) Ltd., Indore	Indore, MP	
			Eisenbau Kramer GMBH	Germany	
			CS PIPES TRADERS		tkIS-India List
			EVERGREEN SEAMLESS	Maharashtra	
			BHARAT ENTERPRISES	Mumbai, MH	
			SEVANTILAL & SONS PVT LTD	Mumbai, MH	
			S. SEVANTILAL & CO.	Mumbai, MH	
			Motilal Laxmichand Sanghvi	Mumbai, MH	

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
37	SS PIPES	Piping	Pipe-SS (Seamless & welded) to ASTM STDS		NALCO List
			Heavy Metals & Tubes Limited (Mehsana)	Gujarat	
			Jindal Saw Ltd (Nashik Works)	Gandhinagar, GJ	
			Rajendra Mech Industries Ltd	India	
			Ratnamani Metals & Tubes Ltd	Kutch/Chhatral, GJ	
			Sandvik Asia Limited	Hosur, TN	
			Apex Tubes Pvt. Ltd.	Alwar, RJ	
			Bhandari Foils and Tubes Ltd.	Madhya Pradesh - India	
			Nuclear Fuel Complex	Hyderabad	
			Prakash Steelage Ltd.	Umbargaon, Valsad, GJ	
			Ratnadeep Metal & Tubes Pvt. Ltd	Mehsana/Gandhinagar, GJ	
			Suraj Stainless Ltd.	India	
			REMI EDELSTAHL TUBULARS LIMITED		
			Manufacturers:		
38	CS PLATE FABRICATED PIPES (EFW)	Piping	PIPE-CARBON STEEL TO INDIAN STANDARDS		NALCO List
			ADVANCE STEEL TUBE LTD.	UP - India	
			ASIAN MILLS PVT. LTD.	Gujarat - India	
			BMW INDUSTRIES LTD. (BANSAL MECHANICAL WORKS)	Kolkata, WB	
			GOOD LUCK STEEL TUBES LTD.	Uttar Pradesh - India	
			INDUS TUBE LTD.	India	
			JINDAL PIPES LTD.	India	
			JINDAL SAW LTD (KOSI WORKS)	India	
			JINDAL SAW LTD (NASHIK WORKS)	India	
			LALIT PROFILES & STEEL INDUSTRIES LTD	Shahapur, MH	
			LLOYDS METAL & ENGINEERS LTD	India	
			MAHARASHTRA SEAMLESS LTD	Roha, MH	
			MAN INDUSTRIES (I) LTD	India	
			MUKAT PIPES LTD	Tarapur, MH	
			MUKAT TANKS & VESSELS LTD	Tarapur, MH	
			NORTH EASTERN TUBES LTD.	India	
			PRATHIBHA PIPES & STRUCTURAL PVT LTD.	Maharashtra - India	
			RATNAMANI METALS & TUBES LTD	Kutch/Chhatral, GJ	
			SRI SARBATI STEEL TUBES LTD.	India	
			STEEL AUTHORITY OF INDIA LTD	India	
			SURINDRA ENGINEERING CO LTD - (RAJPURA)	India	
			SURINDRA ENGINEERING CO LTD - (MUMBAI)	India	
			SURYA ROSHNI LTD	Bahadurgarh, HR	
			SWASTIK PIPES LTD.	India	
			THE TATA IRON & STEEL CO. LTD.	India	
			WELSPUN GUJARAT STAHL ROHREN LTD.	Gujarat - India	
			Traders		
			BHARAT ENTERPRISES	Mumbai, MH	tkIS-India List
			SEVANTILAL & SONS PVT LTD	Mumbai, MH	
			S. SEVANTILAL & CO.	Mumbai, MH	
39	Angle Valves / Angle Bayonet Valves	Piping	Poyam (Ampo)	Coimbatore, TN	Licensor's List
			G P Service	International (South Africa)	
			Lukenheimer (Tyco)	International	
			Flowlink	International (Australia)	

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	 नालको NALCO नेपाल एलुमिनियम कार्पोरेशन लिमिटेड National Aluminium Company Ltd.
Sr. No.	Item	Group	Vendors	Location	Remarks
40	Gate, Globe & Check Valves (CS / SS) (Cast)	Piping	Valve Gate Cast		NALCO List
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			BHEL (Trichy)	Trichy	
			KSB Pumps Ltd (Coimbatore)	Coimbatore, TN	
			Larsen & Toubro Ltd	Chennai, TN	
			Leader Valves Ltd	Jalandhar, PB	
			NECO Schubert & Salzer Ltd	India	
			NITON Valve Industries Pvt Ltd	Mumbai, MH	
			Oswal Industries Ltd	Gandhinagar, GJ	
			Petrochemical Engineering Enterprises	India	
			Sakhi Engineers Pvt Ltd	India	
			Shalimar Valves Pvt Ltd	Mumbai, MH	
			Steel Strong Valves India Pvt Ltd	Ahmedabad, GJ	
			Ormate Valves Pvt Ltd	India	
			H. Sarkar & Co.	Kolkata, WB	
			Bankim & Co.	West Bengal	
			Sardamoni Valves	West Bengal	
			Quality Casting	International	
			Associated Forging	Kolkata, WB	
			Econo Valves Pvt. Ltd. (NSSL Ltd. Group Co.)	India	
			Fouress Engg. (I) Ltd	India	
			M.H. VALVES PVT. LTD.	Gujarat - India	
			Valve Globe Cast		
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			BHEL (Trichy)	Trichy	
			KSB Pumps Ltd (Coimbatore)	Coimbatore, TN	
			Larsen & Toubro Ltd	Chennai - India	
			Leader Valves Ltd	Jalandhar, PB	
			NECO Schubert & Selzer Ltd	India	
			NITON Valve Industries Pvt Ltd	Mumbai, MH	
			Oswal Industries Ltd	Gandhinagar, GJ	
			Petrochemical Engineering Enterprises	India	
			Sakhi Engineers Pvt Ltd	India	
			Shalimar Valves Pvt Ltd	Mumbai, MH	
			Steel Strong Valves India Pvt Ltd	Ahmedabad, GJ	
			Ormate Valves Pvt Ltd	India	
			H. Sarkar & Co.	Kolkata, WB	
			Bankim & Co.	West Bengal	
			Sardamoni Valves	West Bengal	
			Quality Casting	International	
			Associated Forging	Kolkata, WB	
			Econo Valves Pvt. Ltd. (NSSL Ltd. Group Co.)	India	
			Fouress Engg. (I) Ltd	India	
			Valve Check Cast		
			Advance Valve private Ltd	Noida, UP	
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			BHEL (Trichy)	Trichy	
			KSB Pumps Ltd (Coimbatore)	Coimbatore, TN	
			Larsen & Toubro Ltd	Chennai - India	
			Leader Valves Ltd	Jalandhar, PB	
			NECO Schubert & Salzer Ltd	India	
			NITON Valve Industries Pvt Ltd	Mumbai - Maharashtra	
			Oswal Industries Ltd	Gandhinagar, GJ	
			Petrochemical Engineering Enterprises	India	
			Sakhi Engineers Pvt Ltd	India	
			Shalimar Valves Pvt Ltd	Mumbai, MH	
			Steel Strong Valves India Pvt Ltd	Ahmedabad, GJ	
			Ormate Valves Pvt Ltd	India	
			H. Sarkar & Co.	Kolkata, WB	
			Bankim & Co.	West Bengal	
			Sardamoni Valves	West Bengal	
			Quality Casting	International	
			Econo Valves Pvt. Ltd. (NSSL Ltd. Group Co.)	India	
			Fouress Engg. (I) Ltd	India	
			M.H. VALVES PVT LTD	Gujarat - India	
			Globe Valves (Special)		
			TYCO (KIEIN)	International	
			TYCO (LUKEN HEIMER)	International	
			TYCO(JOHNSON)	International	
41	Ball Valves (SS)	Piping	Valve Ball Non Fire Safe - CSS		NALCO List
			Flow Chem Industries	Ahmedabad, GJ	
			Larsen & Toubro Ltd	Chennai - India	
			Leader Valves Ltd	Jalandhar, PB	
			Mevada Engg. Works	Maharashtra - India	
			Microfinish Valves Ltd	Mumbai, MH	
			Reynold Valves Ltd	India	
			Virgo Engineers Ltd	Pune, MH	
			Belgaum Aqua Valves Pvt. Ltd.	Belgaum, KR	
			Habonim Vaas Automation Pvt. Ltd.	India	
			Hawa Engineering Ltd	Gujarat - India	
			Oswal Industries Ltd	Gujarat - India	

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	 नालको NALCO नेपाल एलुमिनियम कम्पनी लिमिटेड National Aluminium Company Ltd.
Sr. No.	Item	Group	Vendors	Location	Remarks
42	Ball Valves (CS)	Piping	Valve Ball Non Fire Safe - CCS		NALCO List
			Flow Chem Industries	Ahmedabad, GJ	
			Larsen & Toubro Ltd	Chennai - India	
			Leader Valves Ltd	Jalandhar, PB	
			Mevada Engg. Works	Maharashtra - India	
			Microfinish Valves Ltd	Mumbai, MH	
			Reynold Valves Ltd	India	
			Virgo Engineers Ltd	Pune, MH	
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			Belgaum Aqua Valves Pvt. Ltd.	Belgaum, KR	
			Habonim Vaas Automation Pvt. Ltd.	India	
			Hawa Engineering Ltd.	Gujarat - India	
43	Butterfly Valves (Unlined)	Piping	Valve Butterfly - CS		NALCO List
			Advance Valve private Ltd	Noida, UP	
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			Crane Process Flow Technologies Ind. Ltd	Satara - Maharashtra	
			Fouress Engg. (India) Ltd.(BLR. Works)	India	
			Instrumentation Ltd. (Palghat)	India	
			Intervalve (India) Ltd.	Pune, MH	
			L & T Valves (Audco India)	Chennai - India	
			Leader Valves Ltd	Jalandhar, PB	
			PENTAIR VALVES & CONTROLS (Tyco Valves & Controls India Pvt. Ltd.)	Vadodara, GJ	
			Bandekar Speciality Valve Corpn. Goa	Goa - India	tkIS-India List
			Mascot Valves Pvt. Ltd., (Fmly Valflo)	Ahmedabad - India	
			Stafford Controls Ltd.	India	
			Valve Butterfly - SS		
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			PENTAIR VALVES & CONTROLS (Tyco Valves & Controls India Pvt. Ltd.)	Vadodara, GJ	
			Crane Process Flow Technologies (I) Ltd.	Satara	
			Intervalve (India) Ltd.	Pune, MH	
			L & T Valves (Audco India)	Chennai, TN	
			DELVAL FLOW CONTROLS PRIVATE LIMITED	Pune, MH	
44	DIAPHRAGM VALVE (LINED / UNLINED)	Piping	WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	tkIS-India List
			Crane Process Flow Technologies (I) Ltd.	Satara	
			L & T Valves (Audco India)	Chennai, TN	
			PROCON ENGINEERS	Mumbai, MH	
			UNP POLYVALVES LTD.	Vadodara, GJ	
			VENUS PUMP & ENGINEERING WORKS	Howrah, WB	
			DIP-FLO ENGINEERING & CO.	Chhatral, GJ	
			ITT Pure Flo (ITT Engineered Valves)	USA	
			Rockwell / McCanna	USA	
			Xomox Sanmar Ltd.	Pudukottai, TN	
45	Plug Valves (Unlined)	Piping	WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	tkIS-India List
			Valve Industries	Mumbai, MH	
			L & T Valves (Audco India)	Chennai, TN	
			CHEMTROLS SAMIL (INDIA) PRIVATE LIMITED	Navi Mumbai, MH	
			RASAI FLOWLINES PVT. LTD.	Trichy, TN	
			MICRO FINISH VALVES PRIVATE LIMITED	Mumbai, MH	
46	Wafer Check Valves (Unlined)	Piping	WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	tkIS-India List
			Advance Valves Pvt. Ltd.	Noida, UP	
			EXPERT ENGINEERING ENTERPRISES	Belgaum, KR	
			NITON VALVE INDUSTRIES PVT LTD	Mumbai, MH	
			FLOVEL VALVES PRIVATE LIMITED	Anand, GJ	
			MICRO FINISH VALVES PRIVATE LIMITED	Mumbai, MH	
			SHALIMAR VALVES PVT LTD	Mumbai, MH	
			XOMOX SANMAR LIMITED	Pudukottai, TN	
47	BALL VALVES, PE/PTFE/FEP LINED, ANSI	Piping	VALVES INDUSTRIES	Vidyaavihar (East), Mumbai	tkIS-India List
			UNP POLYVALVES (INDIA) PRIVATE LIMITED	Vadodara, GJ	
			VIRGO VALVES & CONTROLS PRIVATE LIMITED	Pune, MH	
			WEIR BDK VALVES (WEIR INDIA PRIVATE LIMITED)	Hubli, KR	
			HI-TECH APPLICATOR	Ahmedabad, GJ	
			DIP-FLO ENGINEERING & CO.	Chhatral, GJ	
			RASAI FLOWLINES PVT. LTD.	Trichy, TN	
48	BUTTERFLY VALVES - PE/PTFE/FEP LINED, ANSI	Piping	Flowserve GmbH	Germany	tkIS-India List
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			XOMOX SANMAR LIMITED	Pudukottai, TN	
			HI TECH BUTTERFLY VALVES INDIA PRIVATE LIMITED	Indore, MP	
			HI-TECH APPLICATOR	Ahmedabad, GJ	
			DELVAL FLOW CONTROLS PRIVATE LIMITED	Pune, MH	
			INTERVALVE (INDIA) LIMITED	Pune, MH	
			UNP POLYVALVES (INDIA) PRIVATE LIMITED	Vadodara, GJ	
			ADVANCE VALVES PRIVATE LTD	Noida, UP	

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	 नालको NALCO नेपाल एलुमिनियम कार्पोरेशन लिमिटेड National Aluminium Company Ltd.
Sr. No.	Item	Group	Vendors	Location	Remarks
49	PLUG VALVES (Lined)	Piping	DIP-FLO ENGINEERING & CO.	Chhatral, GJ	tkIS-India List
			WEIR BDK VALVES (A UNIT OF WEIR INDIA P. LTD.)	Hubli, KR	
			XOMOX SANMAR LIMITED	Pudukottai, TN	
			HI-TECH APPLICATOR	Ahmedabad, GJ	
			CHEMTROLS SAMIL (INDIA) PRIVATE LIMITED	Navi Mumbai, MH	
			A Z Armaturen	Germany	
50	WAFER CHECK VALVES (Lined)	Piping	Flowserve GmbH	Germany	tkIS-India List
			WEIR BDK VALVES (WEIR INDIA PRIVATE LIMITED)	Hubli, KR	
			HI-TECH APPLICATOR	Ahmedabad, GJ	
			UNP POLYVALVES (INDIA) PRIVATE LIMITED	Vadodara, GJ	
			Dipflon Engg.	Chhatral, GJ	
			G. M. Engineering	Rajkot, GJ	
51	CS & SS WROUGHT FITTINGS	Piping	Xomox	International	NALCO List
			GUJARAT INFRAPIES PRIVATE LIMITED	Vadodara, GJ	
			TEEKAY TUBES PRIVATE LIMITED	Navi Mumbai, MH	
			M.S.FITTINGS MANUFACTURING COMPANY PVT.LTD.	Kolkata, WB	
			TUBE PRODUCTS INCORPORATE (TOPACK FITTINGS LIMITED)	Vadodara, GJ	tkIS-India List
			Eby Fasteners	Taloja, MH	
			TUBE TURN INDIA PRIVATE LIMITED	Navi Mumbai, MH	
			INTER-TECH FITTINGS INDIA PRIVATE LIMITED	Navi Mumbai, MH	
			NAVVAR FITTINGS AND FORGINGS PRIVATE LIMITED	Taloja, MH	
			PARAS ENGINEERING WORKS (Only for CS)	Vasai, Thane, MH	
			METAL FORGE	Mumbai, MH	
			TOPAZ PIPING INDUSTRIES	Vadodara, GJ	
			UNI-TECH INDUSTRIES	Valsad, GJ	
			S & G Fittings	Haryana	
52	CS & SS FORGED FITTINGS	Piping	EBY FASTENERS	Taloja, MH	NALCO List
			M.S.FITTINGS MANUFACTURING COMPANY PVT.LTD.	Kolkata, WB	
			INTER-TECH FITTINGS INDIA PRIVATE LIMITED	Navi Mumbai, MH	tkIS-India List
			NAVVAR FITTINGS AND FORGINGS PRIVATE LIMITED	Taloja, MH	
			DEE PIPING SYSTEMS (DEE DEVELOPMENT ENGINEERS LIMITED)	Palwal, HR	
			METAL FORGE	Mumbai, MH	
			SAWAN ENGINEERS PRIVATE LIMITED	Vadodara, GJ	
			UNI-TECH INDUSTRIES	Valsad, GJ	
			RIYASAT ENTERPRISES	Taloja, MH	
			S & G Fittings	Haryana	
53	Forged Flanges (CS/SS Flanges)	Piping	FLANGE - STAINLESS STEEL		NALCO List
			ADITYA FORGE LTD.	Gujarat - India	
			CHAUDHRY HAMMER WORKS LTD. (CHW Forge)	Ghaziabad, UP	
			CD ENGINEERING CO.	Ghaziabad, UP	
			CD INDUSTRIES (GHAZIABAD)	Ghaziabad, UP	
			ECHJAY INDUSTRIES PVT LTD. (RAJKOT)	Rajkot, GJ	
			ECHJAY FORGINGS PVT LTD. (BOMBAY)	Mumbai	
			GOLDEN IRON & STEEL WORKS	India	
			JAV FORGINGS (P) LTD.	Faridabad, HR	
			METAL FORGINGS PVT LTD.	India	
			PUNJAB STEEL WORKS (THE)	New Delhi, DL	
			PRADEEP METAL LIMITED	Maharashtra - India	
			STEEL & INDUSTRIAL FORGINGS LTD.	Kerala - India	
			SHREE GANESH FORGINGS LTD.	India	
			UMA SHANKAR KHANDLWAL & CO.	India	
			FLANGE - CARBON STEEL		
			AMFORGE INDUSTRIES LIMITED	India	
			BRITEX ENGINEERING WORKS	Navi Mumbai, MH	
			CD ENGINEERING CO.	Ghaziabad, UP	
			CD INDUSTRIES (GHAZIABAD)	Ghaziabad, UP	
			CHAUDHRY HAMMER WORKS LTD. (CHW Forge)	Ghaziabad, UP	
			ECHJAY INDUSTRIES PVT LTD (RAJKOT)	Rajkot, GJ	
			ECHJAY FORGINGS PVT LTD (BOMBAY)	Mumbai	
			GOLDEN IRON & STEEL WORKS	India	
			JAV FORGINGS (P) LTD	Faridabad, HR	
			KUNJ FORGINGS PVT LTD	UP - India	
			M.S. FITTINGS MFG. CO PVT LTD	Kolkata, WB	
			METAL FORGINGS PVT LTD	India	
			PRADEEP METAL LIMITED	Maharashtra - India	
			PUNJAB STEEL WORKS (THE)	New Delhi, DL	
			R.N. GUPTA & CO LTD	Ludhiana - India	
			R.P. ENGINEERING PVT LTD	India	
			STEEL & INDUSTRIAL FORGINGS LTD	Kerala - India	
			UMA SHANKAR KHANDLWAL & CO.	India	
			GOLDEN IRON & STEEL WORKS	India	
			SHREE GANESH FORGINGS LTD	India	

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
54	Plate Flanges	Piping	JAIAMBE FORGE ENGINEERS PRIVATE LIMITED	Navi Mumbai, MH	tkIS-India List
			PARAMOUNT FORGE	Panvel, MH	
			METAL FORGE	Mumbai, MH	
			SAWAN ENGINEERS PRIVATE LIMITED	Vadodara, GJ	
			Brtex Engineering	Navi Mumbai, MH	
55	GASKETS - SYNTHETIC FIBRE - ASBESTOS FREE (FLAT RING GASKETS)	Piping	Teshi Engineers & Sales Promoters Pvt.Ltd.	Howrah, WB	tkIS-India List
			GOODRICH GASKET PVT.LTD.	Chennai, TN	
			IGP ENGINEERS LTD.	Chennai, TN	
			VITONA ELASTOMERS	Mumbai, MH	
			CHAMPION JOINTINGS PVT. LTD	Mumbai, MH	
			DAVE ENGINEERS PVT LTD	Vadodara - Gujarat	
			NEOSEAL ENGG PVT LTD	Bileshvarpura, Gujarat	
			UNI KLINGER LTD	Pune, MH	
			STARFLEX SEALING INDIA PVT LTD		
			UNIQUE INDUSTRIAL PACKING PVT. LTD.		NALCO List
56	Spiral Wound Gaskets	Piping	MADRAS INDUSTRIAL PRODUCTS		
			GOODRICH GASKETS PRIVATE LIMITED	Chennai, TN	tkIS-India List
			IGP ENGINEERS PRIVATE LIMITED	Chennai, TN	
			MADRAS INDUSTRIAL PRODUCTS	Chennai, TN	
			CHAMPION JOINTINGS PVT. LTD	Mumbai - Maharashtra	
			TEADIT PACKING AND GASKETS PVT LTD	Manjusa, GJ	
			DAVE ENGINEERS PVT LTD	Vadodara - Gujarat	
			STARFLEX SEALING INDIA PVT LTD		NALCO List
			UNIQUE INDUSTRIAL PACKING PVT. LTD.		
			MADRAS INDUSTRIAL PRODUCTS		
			AEP Company	Anand, GJ	
57	Fasteners	Piping	Boltmaster India Pvt Ltd	India	NALCO List
			Deepak Fasteners Ltd.	Ludhiana - India	
			Fasteners & Allied Products Pvt Ltd	India	
			Hardwin Fasteners Pvt Ltd	Mumbai - Maharashtra	
			J.J. Industries	India	
			Multi Fasteners Pvt Ltd.	Gujarat - India	
			Nexo Industries	India	
			Pacific Forging & Fasteners Pvt Ltd	Murbad, MH	
			Pioneer Nuts & Bolts Pvt Ltd	India	
			Precision Auto Engineers	India	
			Precision Engg. Industries	Mumbai - Maharashtra	
			President Engineering Works	Silvassa, GJ	
			Sandeep Engineering Works	Thane, MH	
			Syndicate Engineering Industries	Mumbai, MH	
			Fix Fit Fasteners Mfg. Pvt. Ltd.	West Bengal	
			Kundan Industries Ltd.	Thane, MH	
			SWATHI ENGINEERS	Nasik, MH	
58	SPECIAL PARTS (FAB. ITEMS) - METALLIC	Piping	FABWEL ENGG. CORPORATION	Vadodara, GJ	tkIS-India List
			GAYATRI ENGINEERING	Thane, MH	
			TRIVENI EQUIPMENTS PVT. LTD.	Ahmedabad, GJ	
			TINITA ENGINEERING PVT. LTD.	Navi Mumbai, MH	
			Sudhir Brothers	Navi Mumbai, MH	
59	HOSE, HOSE COUPLINGS & HOSES (PTFE BRAIDED)	Piping	GAYATRI INDUSTRIAL CORPORATION	Thane, MH	tkIS-India List
			INDIA FLEX INDUSTRIES PVT LTD	Midc, Mahape, Navi Mumbai	
			JRE Hoses	Mumbai, MH	
			ROYAL INDIA CORPORATION	Mumbai, MH	
			HYDROFLEX PIPE PRIVATE LIMITED	Ahmedabad, GJ	
			HELIFLEX HYDRAULICS & ENGINEERING COMPANY	Vadodara - Gujarat	
			JAY ENTERPRISES	Mumbai - Maharashtra	
			JRE PRIVATE LIMITED	Mumbai - Maharashtra	
			PRESIDENCY RUBBER MILLS PVT LTD		NALCO List
60	STRAINERS (UNLINED)	Piping	CTRU PROCESS EQUIPMENTS PRIVATE LIMITED	Mumbai, MH	tkIS-India List
			TRIVENI EQUIPMENTS PVT LTD	Ahmedabad, GJ	
			GRAND PRIX ENGINEERING PRIVATE LIMITED	Faridabad, HR	
			FILTRATION ENGINEERS INDIA PRIVATE LIMITED	Rabale, Navi Mumbai, MH	
			SUNGOV ENGINEERING PRIVATE LIMITED	Chennai, TN	
			FLAIR	Ahmedabad, GJ	
			Bombay Chemicals	Mumbai - Maharashtra	NALCO List
61	STRAINERS (LINED)	Piping	GUJARAT OTOFILT		
			MULTITEX FILTRATION ENGINEERS LTD.		tkIS-India List
			CTRU PROCESS EQUIPMENTS PRIVATE LIMITED	Mumbai, MH	
			HI-TECH APPLICATOR	Ahmedabad, GJ	
			HORIZON POLYMER ENGINEERING PRIVATE LIMITED	Gandhinagar, GJ	
			UNP POLYVALVES (INDIA) PRIVATE LIMITED	Vadodara, GJ	
			DIP-FLOX ENGINEERING & CO.	Chhatral, GJ	
			UNI KLINGER LIMITED	Pune, MH	
			GUJARAT OTOFILT		NALCO List
			MULTITEX FILTRATION ENGINEERS LTD.		



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	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
62	Steam Traps	Piping	ARMSTRONG INTERNATIONAL PRIVATE LIMITED	Chennai, TN	tkIS-India List
			SPIRAX MARSHALL PRIVATE LIMITED	Pune, MH	
			PENNANT ENGINEERING PRIVATE LIMITED	Pune, MH	
			UNI KLINGER LIMITED	Pune, MH	
			Gestra	Germany	
			GD ENGG	UK	
			PENTAIR	International	
			TLV	Japan	
			DOUGLAS	Italy	
			VELAN VALVES	US	
			PLENTY LIMITED	UK	
			YARWAY CORPORATION	US	
63	PIPING / SPECIAL SUPPORTS	Piping	Swathi Engineers	Nashik	tkIS-India List
			TECHNO INDUSTRY	Howrah, WB	
			TINITA ENGINEERING PRIVATE LIMITED	Navi Mumbai, MH	
			PIPE HANGERS & SUPPORTS PRIVATE LIMITED	Chennai, TN	
			PIPING AND ENERGY PRODUCTS PRIVATE LIMITED	New Delhi, DL	
64	Sight Glasses	Piping	GAYATRI ENGINEERING	Ankaleshwar	tkIS-India List
			Bliss Anand Pvt. Ltd.	Gurgaon, HR	
			R. K. Dutt Concerns	Thane, MH	
			C-TRU Process Equipments	Mumbai, MH	
			CHEMTROLS SAMIL (INDIA) PRIVATE LIMITED	Navi Mumbai, MH	
65	PTFE Bellows	Piping	FAINGER ENGINEERING	Thane, MH	tkIS-India List
			AMARAMA ENGINEERS	Mumbai, MH	
			MECHANICAL PACKINGS & JOINTINGS	Mumbai, MH	
			MIL Industries Ltd.	Chennai	
			DIP-FLOX ENGINEERING & CO.	Chhatral, GJ	
66	Fabric Bellows	Piping	HORIZON POLYMER ENGINEERING PRIVATE LIMITED	Mumbai, Maharashtra	tkIS-India List
			Hitech Applicator	Ahmedabad, GJ	
			Mersen	France	
			Keld Eilentoft	Chennai	
			RRD DECORS PRIVATE LIMITED	Kolkata, WB	
67	Auto-Rodding Device	Instrumentation	FLEXINDER SPA	Italy	tkIS-India List
			BURGMANN	Germany	
			U.S Bellows Inc.	USA	
			KMK Compensators Ltd.	UK	
			Clearguard	International	
68	Caustic Concentration Analyser (Density Analyser)	Instrumentation	Precision Light & air Private Limited (Rhosonics)	International	Licenser vendor list
69	Nucleonic Density Meter (Radio active type)	Instrumentation	Emerson Process Management (India) Private Limited (Mobrey)	International	tkIS-India List
			Berthold EG&G	International	
			Emerson Process Management (India) Private Limited	International	
70	Gamma / Microwave type level Instrument	Instrumentation	Krohne	International	Licenser vendor list
			Berthold EG&G	International	
			Ronan / AIS	International	
			Vega India Level & Pressure Measurement	International	
			Emerson Process Management (India) Private Limited	International	
			Endress + Hauser (India) Private Limited	International	
			Forbes Marshall	India	
71	Butterfly Control Valve / Shut-Off Valve	Instrumentation	Yokogawa India Limited	India	NALCO List
			Advance Valve private Ltd	India	
			BDK Process Controls Pvt Ltd B057	India	
			Crane Process Flow Technologies Ind. Ltd C186	India	
			Fouress Engg. (India) Ltd.(BLR. Works) F030	India	
			Instrumentation Ltd. (Palghat)	India	
			Intervalve (India) Latd.	India	
			Larsen & Toubro Ltd	India	
			Leader Valves Ltd	India	
			Tyco Valves & Controls India Pvt Ltd	India	
			Bandekar Speciality Valve Corpn. Goa	India	
			Mascot Valves Pvt. Ltd., (Fmly Valflo)	India	
72	Ball Valve - Shut-Off	Instrumentation	Stafford Controls Ltd.	India	tkIS-India List
			PENTAIR	India	
			Emerson Process Management	India	
			Valtek (Flowserve)	India	
			Metso Automation	India	
73	Slurry Angle Valve	Instrumentation	Bray Controls	India	Licenser vendor list
			Microfinish Valves Ltd	India	
			Poyam	International	
			Pentair	India	
			GP service	International	
74	Globe Control Valve	Instrumentation	Lukheimer Tyco	India	tkIS-India List
			Flowlink	India	
			Klein	International	
			Intervalves	India	
			Emerson Process Management	India	
			Dresser Valve India Private Limited	India	
			MIL Controls Limited	India	
			Flowserve India Controls Private Limited	India	
			Seyern Glocon	India	
			Samson Control Private Limited	India	
74	Globe Control Valve	Instrumentation	INSTRUMENTATION INDIA	India	NALCO List
			ADVANCE VALVES PVT. LTD.	India	
			TYCO VALVES & CONTROLS INDIA PVT. LTD.	India	
			FISHER XOMOX SANMAR LIMITED	India	
			FOURESS ENGINEER (INDIA) LTD.	India	
74	Globe Control Valve	Instrumentation	MASONEILAN	India	NALCO List

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	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
75	Ball Control Valve	Instrumentation	Emerson Process Management	India	tkIS-India List
			Valtek (Flowsolve)	India	
			Metso Automation	India	
			Bray Controls	India	
76	Slurry Eccentric Plug Control Valve	Instrumentation	Emerson Process Management	India	tkIS-India List
			Valtek (Flowsolve)	India	
			Dresser Valves India Private Limited	India	
			Samson Contol Private Limited	India	
77	Averaging Pitot Tube	Instrumentation	Emerson Process Management (India) Private Limited (Dietrich)	India	tkIS vendor list
			Chandak Instruments (Verabar - Veris Inc Make)	India	tkIS vendor list
			Sherman International Private Limited (ITABAR series of Intra- Automation GmbH make)	India	
			Minco (India) Private Limited	India	
			Switzer Process Instruments Private Limited	India	
			DynaFluid Valves & Flow Controls Private Limited	India	
78	Orifice Plates & Flanges	Instrumentation	Baliga Lighting Equipments (P) Ltd	India	NALCO List
			Daniel Measurement & Control Asia Pacific	International	
			Eureka Industrial Equipments (P) Ltd	India	
			FMC Measurement Solutions-Uk	International	
			Minco (India) Flow elements Private Limited (Formerly General Instruments Consortium)	India	
			Guru Nanak Engg Works	India	
			Instrumentation Ltd. (Palghat)	India	
			JRU Control Pvt Ltd	India	
			Micro Precision Products Pvt Ltd	India	
			Petrol Valves Sri	International	
			Star-Mech Controls (India) Pvt Ltd	India	
			Emerson Process Management (India) Private Limited	India	
79	Conductivity Transmitter (incl. Molar Ratio)	Instrumentation	Yokogawa India Limited	India	Licensor vendor list
			Endress + Hauser (India) Private Limited	India	
			Foxboro	India	
			Forbes Marshall	India	
80	Level Instrument (Conductivity Type)	Instrumentation	Zellweger (now Hach)	International	NALCO List
			Ametek Drexelbrook	International	
			Endress & Hauser Grrbh & Co.	India	
			Level State System Ltd	India	
			Narvik - Yarway B.V.	International	
			SBEM Pvt Ltd	India	
			Solartron Mobrey Ltd	India	
			Vega Grieshaber Kg	International	
			Venture Measurement Company	International	
			Yarway Corporation	International	
			Transducers & Controls Pvt Ltd	India	
			ABB		
			YOKOGAWA INDIA LIMITED		
			Zellweger (now Hach)	International	
81	pH Analyser	Instrumentation	Emerson Process Management (India) Private Limited (Mobrey)	India	Licensor vendor list
			3) Siemens Limited	India	
			4) Endress + Hauser (India) Private Limited	India	
			5) Forbes Marshall	India	
			6) Yokogawa India Limited	India	
			1) Cormon	International	
82	Corrosion Monitoring System	Instrumentation	2) Cosasco	International	tkIS-India List
			Emerson Process Management (India) Private Limited	India	
			Honeywell Automation India Limited	India	
83	Electro Magnetic Flowmeter	Instrumentation	Yokogawa India Limited	India	Licensor vendor list
			Krohne Marshall Private Limited	India	
			Endress + Hauser (India) Private Limited	India	
84	Electronic Pressure / DP / Level Transmitter & Purge Water Assembly	Instrumentation	Emerson Process Management (India) Private Limited	India	tkIS-India List
			Yokogawa India Limited	India	
			Honeywell Automation India Limited	India	
			Siemens Limited	India	
			Endress + Hauser (India) Private Limited	India	
			6) ABB	India	
85	Pressure Gauge	Instrumentation	AN Instruments Pvt Ltd	India	NALCO List
			Badotherm Process Instruments B.V.	India	
			Bourdon Haenni S.A.	India	
			British Rototherm Co. Ltd.	India	
			Budenberg Gauge Co. Ltd.	International	
			Dresser Inc.	International	
			General Instruments Consortium (Mfg By Gauges Bourdon India)	India	
			Gluck (India) Mfg Co.	India	
			H. Guru Instruments (South India Pvt. Ltd.)	India	
			Manometer (India) Pvt Ltd.	India	
			Nagano Keiki Seisakusho Ltd.	International	
			Waaree Instruments Ltd.	India	
			Walchandnagar Industries Ltd (Tiww Divn.)	India	
			Wika Alexander Vviegand & Co.Gmbh	International	
			Wika Instruments India Pvt Ltd.	India	

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Sr. No.	Item	Group	Vendors	Location	Remarks
86	Magnetic Level Gauge	Instrumentation	Gauge Bourdon (India) Private Limited	India	tkIS-India List
			Bliss Anand	India	
			Chemtrols Samil (I) Private Limited	India	
			Sherman International (Intra Automation)	India	
			Pyro Clark Reliance Solutions (India) Private Limited	India	
87	Temperature Gauge	Instrumentation	Pune Techtrol Private Limited	India	NALCO List
			AN Instruments Pvt Ltd	India	
			Badotherm Process Instruments B.V.	India	
			Bourdon Haenni S.A.	India	
			Gauges Bourdon India Private Limited (Formerly General Instruments Consortium)	India	
			H. Guru Instruments (South India) Pvt Ltd	India	
			Nagano Keiki Seisakusho Ltu	International	
			Solar Tron ISA	International	
			Wika Alexander Wiegand & Co Gmbh	International	
88	Radar Level Transmitter	Instrumentation	Wika Instruments India Pvt Ltd	India	Licensor vendor list
			Berthold EG&G	International	
			Ronan / AIS	International	
			Emerson Process Management (India) Private Limited	India	
			Endress + Hauser (India) Private Limited	India	
			Krohne Marshall Private Limited	India	
			Vega India Level & Pressure Measurement	International	
89	Motor Bearing Temperature Transmitter (Surface mounted Temperature Transmitter)	Instrumentation	Yokogawa India Limited	International	tkIS-India List
			Emerson Process Management (India) Private Limited	India	
			Pepperl & Fuchs India Private Limited	India	
			MTL Instruments Private Limited	India	
			Wika Instrumentation India Limited	India	
			Siemens Limited	India	NALCO List
			ABB		
			THERMO ELECTRA B.V		
			TEMCON INSTRUMENT PVT. LTD.		
			WIKI ALEXANDER WIEGAND & CO GMBH		
90	Temperature Element	Instrumentation	Altop Industries Ltd	India	NALCO List
			Detriv Instrumentation & Electronics Ltd.	India	
			Gauges Bourdon India Private Limited (Formerly General Instruments Consortium)	India	
			Nagman Sensors Pvt Ltd.	India	
			Temp. Tech.	India	tkIS-India List
			Pyro Electric Instruments Private Limited	India	
91	Temperature Transmitter - Remote Mounted	Instrumentation	Emerson Process Management (India) Private Limited	India	tkIS-India List
			Yokogawa India Limited	India	
			Honeywell Automation India Limited	India	
			Wika Instrumentation India Limited	India	
			Siemens Limited	India	
			ABB		NALCO List
			THERMO ELECTRA B.V		
			TEMCON INSTRUMENT PVT. LTD.		
			WIKI ALEXANDER WIEGAND & CO GMBH		
			Emerson Process Management (India) Private Limited	India	
92	Sump Level Instrument (Ultrasonic Level Transmitter)	Instrumentation	Endress + Hauser (India) Private Limited	India	Licensor vendor list
			Vega India Level & Pressure Measurement	International	
			Siemens	India	
			Krohne Marshall Private Limited	India	
			Yokogawa India Limited	India	
			Emerson Process Management (India) Private Limited	India	
93	Vortex Flow Meter	Instrumentation	Yokogawa India Limited	India	tkIS-India List
			Endress + Hauser (India) Private Limited	India	
			Krohne Marshall Private Limited	India	
			ABB	India	
			Siemens		
			Emerson Process Management (India) Private Limited	India	NALCO List
94	Distributed Control System (DCS)	Instrumentation	Yokogawa India Limited	India	tkIS-India List
			Honeywell Automation India Limited	India	
			Siemens Limited	India	
			ABB	India	
			Schneider Electric (Invensys)	India	
			Forbes Marshall (ARCA)	India	
95	Self Actuating Pressure Control Valve (Self Regulating Valve)	Instrumentation	Samson Controls Private Limited	India	tkIS-India List
			Emerson Process Management	India	
			Nirmal Industries	India	
			CCI	International	
96	Desuperheating Valve	Instrumentation	Forbes Marshall (ARCA)	India	tkIS-India List
			Chemtrol Industries Limited	India	
			Circor Flow Technologies India Private Limited	International	

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Sr. No.	Item	Group	Vendors	Location	Remarks
97	Instrumentation Cables (Signal Cables)	Instrumentation	Associated Flexibles & Wires (P) Ltd.	India	NALCO List
			Brooks Cable Works, Mumbai,	India	
			Cmi Limited,	India	
			Cords Cable Industries Ltd.	India	
			Delton Cables Limited	India	
			Elkay Telelinks Ltd.	India	
			Fine Core Cables Pvt Ltd.	India	
			Goyolene Fibres (India) Pvt Ltd.	India	
			Kei Industries Limited	India	
			Nicco Corporation Ltd.	India	
			Netco Cable Industries Pvt. Ltd.	India	
			Paramount Communications Limited,	India	
			Polycab Wires Pvt Ltd	India	
			Reliance Engineers Limited	India	
			Radiant Cables Pvt Ltd	India	
			Suyog Electricables Ltd	India	
			Thermopads Private Limited	India	
98	Transformers, Distribution, Oil filled - up to 33 kV	Electrical	Universal Cables Ltd	India	NALCO List
			Udey Pyrocables Pvt. Ltd	India	
			Crompton Greaves Ltd.	Kanjur, Mumbai / Mandideep, MP	
			Voltamp Transformers Ltd	Vadodara	
			Bharat Bijlee Ltd.	Kalwa	
			Transformers & Rectifiers India Ltd.	Ahmedabad	
			Schneider Electrical Infrastructure Limited	Vadodara	
			Kanchar Electricals Ltd.	Rithani / Gagol - U.P.	
			Rima Transformers & Conductors Pvt Ltd.	Bangalore	
			EMCO LTD- E014	India	
			INDO TECH TRANSFORMERS LTD-1178	India	
			KIRLOSKAR POWER EQUIPMENTS LTD- K134	India	
			VUJAI ELECTRICALS LTD- V076	India	
99	Neutral Grounding Resistors	Electrical	KEC		tkIS-India List
			ABB		
			S.R. Narkhede Engg. Pvt. Ltd.	Pune	
			Amp Control Equipments Pvt. Ltd.	Pune	
			Resitech Electricals Pvt. Ltd.	Kolkata	
100	Switchgear HV, 3.3kV to 33kV – Indoor Type with VCB	Electrical	Narkhade		NALCO List
			PEFCO		
			National Lachhman		
			Siemens Ltd.	Kalwa	
			ABB India Ltd.	Nashik	
101	Switchgear LV, Drawout Type - PCC/ MCC	Electrical	Aistom LTD.	India	NALCO List
			BHEL	Bhopal	
			CROMPTON GREAVES LTD	India	
			Schneider Electrical Infrastructure Limited	Kolkata / Vadodara	
			Siemens Ltd.	Kalwa	
102	Busduct - LV (Air Insulated)	Electrical	Larsen & Toubro Ltd.	Coimbatore / Ahmednagar / Mhape	NALCO List
			Schneider Electric India Pvt. Ltd.	Nashik	
			ABB India Ltd.	Nelmangala, Bangalore	
			C & S Electric (Formerly Controls & Switchgear Co. Ltd.)	Noida	
			BCH ELECTRIC LTD- B002 (TYPE: MCC)	India	
103	Busduct - LV (Sandwiched)	Electrical	CONTROLS & SCHEMATICS LTD- CO24 (TYPE: MCC, PCC)	India	tkIS-India List
			GE INDIA INDUSTRIAL (P) LTD- G147 (TYPE: MCC, PCC)	India	
			KGS Engineering Ltd. (Formerly Star Drive Busducts Pvt. Ltd.)	Chennai	
			C & S Electric (Formerly Controls & Switchgear Co. Ltd.)	Noida	
			BEST & CROMPTON	India	
104	Battery Charger	Electrical	POWERGEAR	India	NALCO List
			ECC	India	
			M.K. Engineers & Controls Pvt Ltd	Rabale, New Mumbai	
			Schneider Electric India Pvt. Ltd. (up to 5000A with Al busbar)	Vadodara	
			L & T (up to 5000A with Al busbar)	Coimbatore	
104	Battery Charger	Electrical	Siemens Ltd	Vietnam	tkIS-India List
			C & S Electric (Formerly Controls & Switchgear Co. Ltd.)	Haridwar	
			Mass-Tech Controls Pvt. Ltd.	Jalgaon	
			Chabbi Electricals Pvt. Ltd.	Jalgaon	
			Universal Industrial Products	Ghatkopar	
			AMARA RAJA POWER SYSTEMS (P) LTD- A209	India	
			HIND RECTIFIER LTD. - H034	India	
			CALDYNE AUTOMATICS LTD- CII5	India	
			DUBAS ENGINEERING PVT. LTD- D120	India	
			HBL POWER SYSTEMS LTD- H132	India	
			UNIVERSAL INSTRUMENT MFG CO. PVT. LTD- UO21	India	
			KERALA STATE ELECT. DEV. CORP. LTD (KRKULM)- K031	India	
			Chloride system ltd		
			Hitachi-hirel		
			Vertiv		

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Sr. No.	Item	Group	Vendors	Location	Remarks
105	Battery - Lead Acid	Electrical	Exide India Ltd	Shyamnagar & Haldia (West Bengal)	NALCO List
			HBL Power Systems Ltd.	Bhootpur, Mehboobnagar, A. P.	
			Amar Raja Batteries Ltd	Tirupati	
			Kirloskar batteries Ltd	India	
106	Transformers, Lighting – Dry Type (VPI-Cast Resin)	Electrical	Voltamp Transformers Ltd.	Vadodara	NALCO List
			Indcoil	Thane	
			Automatic Electric Ltd.	Lonavala	
			KAPPA ELECTRICALS	India	
			ABB	INDIA	
			LOGIC CONTROLS PVT. LTD- A322	India	
			Lucas India	India	
107	Capacitors, Power Factor Improvement / Filter Banks - 3.3kV to 33kV (Open Execution)	Electrical	ABB India Ltd.	Bangalore	NALCO List
			BHEL	BHOPAL	
			KAPSALES ELECTRICALS LTD	India	
			SHREEM CAPACITORS PVT LTD	Jaisingpur dist., Kolhapur	
			UNIVERSAL CABLES LTD	Satna, M.P.	
			Madhav Capacitors Pvt. Ltd. (upto 11kV)	Pune	
			Schneider Electric		
108	Capacitors, Power Factor Improvement / Filter Banks - LV	Electrical	GE		NALCO List
			EPCOS		
			ABB India Ltd.	Bangalore	
			BHEL	BHOPAL	
			KAPSALES ELECTRICALS LTD	India	
			SHREEM CAPACITORS PVT LTD	Jaisingpur dist., Kolhapur	
			UNIVERSAL CABLES LTD	Satna, M.P.	
109	APFC Panels, LV	Electrical	Madhav Capacitors Pvt. Ltd. (upto 11kV)	Pune	tkIS-India List
			Siemens		
			Schneider Electric		
			GE		
			EPCOS		
			ABB India Ltd.	Bangalore	
			BHEL	BHOPAL	
110	APFC Panels, HV	Electrical	KAPSALES ELECTRICALS LTD	India	NALCO List
			SHREEM CAPACITORS PVT LTD	Jaisingpur dist., Kolhapur	
			UNIVERSAL CABLES LTD	Satna, M.P.	
			Madhav Capacitors Pvt. Ltd. (upto 11kV)	Pune	
			Siemens		
			Schneider Electric		
			GE		
111	Lifts – Industrial	Electrical	EPCOS		tkIS-India List
			ABB India Ltd.	Bangalore	
			EPCOS India	Nashik	
			Universal Cables Ltd.	India	
			Schneider Electric		
			Siemens		
			ABB India Ltd.	Bangalore	
112	Generators, Emergency Diesel	Electrical	Universal Cables Ltd.	India	NALCO List
			Schneider Electric		
			Otis Elevator Company (India) Ltd.	India	
			Kone	India	
			Olympus Lifts (BBL)	India	
			Hyundai	Korea	
			Johson Lifts Pvt Lmt		
			BHEL, BHOPAL- B04IA (RANGE: ABOVE 1000 KVA)	Bhopal	
			DIESEL LOCOMOTIVE WORKS- D003 (RANGE: 2000 KVA & ABOVE)	India	
			GARDEN REACH SHIPBUILDERS & ENGRS LTD- G012 (RANGE: 500- 1600 KVA)	India	
			GREAVES COTTON LTD- G002 (RANGE: UPTO 500 KVA) -	India	
			JEEVAN DIESELS & ELECTRICALS LTD- J079 (DG SETS - UPTO 1250 KVA & 415 V)	India	
113	Variable Frequency AC Drives - LV & HV	Electrical	KIRLOSKAR OIL ENGINES LTD- K038 (RANGE IN KVA: - 2000- 3000)	India	NALCO List
			POWERICA LTD- P187 (RANGE: 60 -1000 KVA)	Bangalore/silvassa	
			TII LTD, SAHIBABAD WORKS- T042 (RANGE: 10- 1000 KVA)	India	
			TRADING ENGINEERS (INTERNATIONAL) LTD- 1090 (RANGE: UPTO 1250 KVA)	India	
			WARTSILA INDIA LTD- W043 (RANGE: 1 . 5- 7 M)	Khopoli	
			SUDHIR GENSETS LTD- S435	India	
			Mahindra		
			Siemens	Ambad, Nashik	
			ABB India Ltd.	Nelmangala, Bangalore	
			Rockwell Automation	India	
			LARSEN & TOUBRO LTD	Mahape, Navi Mumbai	
			ALSTOM PROJECTS INDIA LTD	India	
114	Cables HV - 3.3 kV to 33 kV XLPE Insulated	Electrical	BHEL (BANGALORE)	India	NALCO List
			KIRLOSKAR ELECTRIC CO LTD	India	
			NELCO LTD.	India	
			SCHNEIDER	India	
			Yaskawa		
			Universal Cables Ltd.	Satna, M. P.	
			Apar Industries Ltd. (Formerly Uniflex Cables Ltd.)	Umbergaon, Gujarat	
			TORRENT CABLES LTD	Nadiad	NALCO List
			CABLE CORPORATION OF INDIA LIMITED	India	
			INDUSTRIAL CABLES (I) LTD	India	
			NICCO CORPORATION LTD	India	
			KEI		

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Sr. No.	Item	Group	Vendors	Location	Remarks
115	Cables LV - Power (PVC & XLPE Insulated)	Electrical	ASSOCIATED FLEXIBLES AND WIRES(P) LTD.	India	NALCO List
			CABLE CORPORATION OF INDIA LIMITED	India	
			FINOLEX CABLES LTD	Urse, Pune	
			GEMSCAB INDUSTRIES LTD	India	
			INDUSTRIAL CABLES (I) LTD	India	
			KEI INDUSTRIES LIMITED	India	
			NICCO CORPORATION LTD	India	
			POLYCARB WIRES PVT LTD	vadodara	
			RADIANT CABLES PVT LTD	India	
			RAVIN CABLES LTD	India	
			TORRENT CABLES LTD	Nadiad	
			UNIVERSAL CABLES LTD	India	
			LAPP Cables		
116	Cables LV - Control & Earthing (PVC & XLPE Insulated)	Electrical	TCI	India	NALCO List
			BROOKS CABLE WORKS, BOMBAY	India	
			CABLE CORPORATION OF INDIA LIMITED	India	
			CEMI LIMITED	India	
			CORDS CABLE INDUSTRIES LTD	India	
			DELTON CABLES LIMITED	India	
			ELKAY TELELINKS LTD	India	
			EVERSHINE ELECTRICALS	India	
			FINOLEX CABLES LTD	Urse, Pune	
			GEMSCAB INDUSTRIES LTD	India	
			PUNE GOYOLENE FIBRES (INDIA) PVT LTD.	India	
			HAVEL L'S INDIA PVT LTD	India	
			INDUSTRIAL CABLES (I) LTD	India	
			KEI INDUSTRIES LIMITED	India	
			NETCO CABLE INDUSTRIES PVT LTD	India	
			NICCO CORPORATION LTD	India	
			NORTH EASTERN CABLES PVT LTD	India	
			PARAMOUNT COMMUNICATIONS LIMITED	India	
			POLYCARB WIRES PVT LTD	vadodara	
			RADIANT CABLES PVT LTD	India	
			RAVIN CABLES LTD	India	
			SUYOG ELECTRICALS LTD	India	
			TORRENT CABLES LTD	Nadiad	
			UNIVERSAL CABLES LTD.	India	
117	Fiber Optic Cables, Jellyfilled Telecom Cables, Rubber Cable (Trailing cable for Material Handling Equipment)	Electrical	ASSOCIATED FLEXIBLES & WIRES (P) LTD	India	NALCO List
			BROOKS CABLE WORKS, MUMBAI,	India	
			CEMI LIMITED,	India	
			CORDS CABLE INDUSTRIES LTD	India	
			DELTON CABLES LIMITED	India	
			ELKAY TELELINKS LTD	India	
			FINE CORE CABLES PVT LTD,	India	
			GOYOLENE FIBRES (INDIA) PVT LTD	India	
			KEI INDUSTRIES LIMITED	India	
			NICCO CORPORATION LTD	India	
			NETCO CABLE INDUSTRIES PVT	India	
			PARAMOUNT COMMUNICATIONS LIMITED,	India	
			POLYCARB WIRES PVT LTD	India	
			RELIANCE ENGINEERS LIMITED	India	
			RADIANT CABLES PVT LTD	India	
			SUYOG ELECTRICABLES LTD	India	
			THERMOPADS PRIVATE LIMITED	India	
			UNIVERSAL CABLES LTD	India	
			UDEY PYROCABLES PVT	India	
			LAPP Cables		
118	Uninterruptible Power Supply	Electrical	Vertiv (formerly Emerson Network Power)	Wagle Estate, Thane	NALCO List
			Hitachi Hi-Rel Power Electronics Pvt. Ltd.	Gandhinagar	
			DB POWER ELECTRONICS(P) LTD	India	
			Gutor Electronic Asia Pacific Sdn. Bhd.	Malaysia	
			FUJI ELECTRIC CO LTD	India	
			KERLA STATE ELECT DEV CORP LTD	India	
			MGE ASIA PTE LTD	India	
			SAFT NIFE AB	India	
			TOSHIBA CORPORATION	India	
			APLAB LTD THANE	India	
			ELECTRONICS CORPORATION NEW DELHI	India	
			INSTRUMENTS LTD NEW DELHI	India	
			CHLORIDE INDUSTRIAL SYSTEMS	France	
119	Plant Communication (Intercommunication System, Public Address System, Industrial,Wireless Communication system)	Electrical	ABB	India	NALCO List
			Schenider(APC)		
			DD ELECTRONICS, PUNE SYSTEM	India	
			INDUSTRONIC GMBH -1504	India	
			NEUMAN ELEKTRONIK GMBH & CO. - N565	India	
			SIEMENS	India	
			TATA TELECOM LTD -	India	
			BNA TECHNOGY CONSULTANTS LTD	India	
			Lotus Wireless		
			Sheetal wireless		
			Rockwell automation		

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
120	Programmable Logic Controller (PLC)	Instrumentation	1) GE Intelligent Platforms Private Limited	India	tkIS India List
			2) Honeywell Automation India Limited	India	
			3) Rockwell Automation	India	
			4) Siemens Limited	India	Nalco List
			5) ABB		
			6) Schneider		
121	Junction Boxes	Instrumentation	1) Ex-protecta	India	tkIS India List
			2) P&F India Private Limited	India	
			3) Baliga Lighting Equipment Private Limited	India	
			4) Flame Proof Equipments Private Limited	India	
122	SS Tubes / Tube Fittings	Instrumentation	1) Astec Instruments Private Limited	India	tkIS India List
			2) Comit & Valves Private Limited	India	
			3) Excel Hydropneumatics Private Limited	India	
			4) Fluid Controls Private Limited	India	
			5) Trueway Engineering Industries	India	
			6) Instrumax Enterprises	India	
123	Cable Glands	Instrumentation	1) Comet Brass Products	India	tkIS India List
			2) Flame Proof Controls Gears Private Limited	India	
			3) Flameproof Equipments Private Limited	India	
			4) Flexpro	India	
			5) Electromac	India	
			6) Prime Industries	India	
124	Cable Trays - GI & Epoxy painted	Electrical	Indiana Cable Trays Corporation	Vasai, Thane	tkIS India List
			Metalemms Bombay Pvt. Ltd.	Wagle Estate, Thane	
			Globe Elect. Industries Ltd.	Rabale, New Mumbai	
			Premier Power Products (CAL) Pvt. Ltd.	Jangalipore, Howrah, W.B.	
125	Distribution Boards (MLDB, EMLDB, ASB , SLDB, LDB) & Small Panels - Industrial	Electrical	M.K. Engineers & Controls Pvt Ltd	Rabale, New Mumbai	Nalco List
			C & S Electric (Formerly Controls & Switchgear Co. Ltd.)	Noida	
			BCH ELECTRIC LTD- B002 (TYPE: MCC, LDB, ASB)	India	
			CONTROLS & SCHEMATICS LTD- CO24 (TYPE: MCC, LDB, ASB)	India	
			GE INDIA INDUSTRIAL (P) LTD- G147 (TYPE: MCC, LDB, ASB)	India	
			LARSEN & TOUBRO LTD- LOGIC (TYPE: MCC, LDB, ASB) -	India	
			SCHNEIDER ELECTRIC INDIA PVT. LTD- SO450 (TYPE: MCC, LDB, ASB)	India	
			SIEMENS LTD- S003 (TYPE: MCC, LDB, ASB)	India	
126	Heat Tracing	Electrical	Pentair Thermal management (in place of Raychem RPG Pvt. Ltd.)	Jankpuri, Delhi	tkIS India List
			Thermon Heat Tracers Ltd	Vikhroli, Mumbai	
			Xicon International Ltd.	Andheri, Mumbai	
			Thermopads Pvt. Ltd.	Hyderabad, A. P.	
127	Lighting Fixtures – Industrial (Conventional)	Electrical	Bajaj Electricals Ltd.	India	Nalco List
			Crompton Greaves	India	
			PHILIP- INDIA	India	tkIS India List
			Wipro Enterprises Ltd.	Waluj, Aurangabad	
128	Lighting Fixtures – Industrial (LED)	Electrical	Havells India Ltd	Neemrana, Rajasthan	tkIS India List
			Havells India Ltd	Neemrana, Rajasthan	
			Bajaj Electricals Ltd.	India	Nalco List
			Surya Roshni Ltd.	India	
129	Load Break Switches, Indoor type - up to 33kV	Electrical	Philips		Nalco List
			HPL		
			GE		
			Syska		
130	Motors HV – 3.3kV to 11kV – Industrial	Electrical	A. Bond Strands Pvt. Ltd.	Chennai	tkIS India List
			Technocrafts Switchgears Pvt. Ltd. (ABB system house)	Bhiwandi	
			Panickker Switchgear Pvt. Ltd. (Formerly Driescher Panickker)	Sriperumbudur	
			Eswari Electricals Pvt. Ltd.	Chennai	
131	Motors LV- Industrial Safe Area	Electrical	ABB		Nalco List
			Bharat Heavy Electricals Ltd.	Bhopal	
			ABB India Ltd.	Vadodara	
			KIRLOSKAR ELECTRIC CO. LTD- K005	India	
			Marathon Electric Motors (India) Ltd.	Kolkata	
			Crompton Greaves Ltd.	Mandideep, M. P.	
131	Motors LV- Industrial Safe Area	Electrical	Siemens		Nalco List
			Siemens Ltd.	Kalwa	
			Bharat Bijlee Ltd.	Kalwa	
			Marathon Electric Motors (India) Ltd.	Kolkata	
			Crompton Greaves Ltd.	Ahmednagar	
			KIRLOSKAR ELECTRIC CO. LTD- K005	India	
			ABB	India	
			NGEF, Hubuli		
131	Motors LV- Industrial Safe Area	Electrical	Leroy Somer		Nalco List

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
132	Motors LV - Flameproof	Electrical	BHARAT BIJLEE LTD- B048	India	Nalco List
			CROMPTON GREAVES LTD- C010	India	
			KIRLOSKAR ELECTRIC CO. LTD- K005	India	
			ABB Ltd.	Banglore	
			MARATHON ELECTRIC MOTOR (I) LTD- M282	India	
133	Motors LV - Zone 2 Type E&N	Electrical	ABB	India	Nalco List
			BHARAT BIJLEE LTD- 8048 -	India	
			CROMPTON GREAVES LTD- C010	India	
			KIRLOSKAR ELECTRIC CO. LTD- K005	India	
			MARATHON ELECTRIC MOTOR (I) LTD- M282	India	
134	Reactors	Electrical	SIEMENS LTD- S003 -	India	tkIS India List
			Quality Power Equipment (P) Ltd.	Sangli	
			Sreehans		
			ABB		
			GE		
135	Load Break Switches	Electrical	Schneider		Nalco List
			SOCOME	Haryana	
			CEFEM	France	
			ABB		
			Baliga Lighting Equipments Pvt. Ltd.	Chennai	
136	Local Control Stations, Flameproof – Die cast Aluminium	Electrical	Flexpro Electricals Pvt. Ltd.	Navsari	tkIS India List
			FCG Power Industries P. Ltd.	Vapi	
			Prompt Engineering Works	Vapi	
			ABB		
			Flexpro Electricals Pvt. Ltd.	Navsari	
137	Lighting Fixtures – Flameproof (IIA-IIIB) & Increased Safety	Electrical	Baliga Lighting Equipments Pvt. Ltd.	Chennai	tkIS India List
			Hansu Controls Pvt. Ltd.	Rabale, New Mumbai	
			FCG Power Industries P. Ltd.	Vapi	
			Bajaj Electricals Ltd.	India	
			Prompt Engineering Works	Vapi	
138	Local Control Stations, Industrial - Stainless Steel	Electrical	Shrenik & Co.	Ahmedabad	tkIS India List
			Baliga Lighting Equipments Pvt. Ltd.	Chennai	
			Sudhir Switchgear	India	
			ABB		
			Williams		
139	Crushers	Piping - Material Handling	Obema		Licensor's List (Approved by Board)
			Albon		
			Solios Carbone, France	France	
			Indiana conveyors pvt limited		
			Masyc Projects		
140	Belt conveyors / Prism gate	Piping - Material Handling	Cobit Engineering Pvt. Limited	Deonar, MH	tkIS-India List
			BENGAL TOOLS LTD.		
			BEVCON WAYORS PVT. LTD.		
			FLSMIDTH PRIVATE LIMITED		
			MACMET ENGG LTD		
141	Dust Supression system	Piping - Material Handling	KAVERI		tkIS-India List
			SPRAYING SYSTEM		
			CHEMTROL	Navi Mumbai, MH	
			DUST SOLUTION SYSTEM		
			TPS		
142	Vibrating Screen	Piping - Material Handling	Metso		Licensor's List (Approved by Board)
143	Dedusting / dust collection system	Piping - Material Handling	RIECO		tkIS-India List
			ECOMAK SYSTEMS		
			KLEENAIR		
			Rajdeep engineering		
			Thermax		
144	Belt weigh scale / Belt weigh feeder	Piping - Material Handling	GLOBAL ENVIRONMENT SYSTEM, HYD		Nalco List
			Scheck process		
			Power build		
			Precia Molen		
			Siemens		
145	Apron feeders	Piping - Material Handling	Atmos		Licensor's List (Approved by Board)
			Metso		
			TRF		
			Mcnaally Bharat		
			L & T		
146	Magnetic separators / Metal detectors	Piping - Material Handling	Transweight		tkIS-India List
			Elecon		
			Electromag Joests		
			Electrozavod		
			Magnetic corporation		
147	Sampling Cutter	Piping - Material Handling	Indiana conveyors pvt limited		tkIS-India List
			Masyc Projects		
			Cobit Engineering Pvt. Limited	Deonar, MH	
			BENGAL TOOLS LTD.		
			BEVCON WAYORS PVT. LTD.		
148	Motorized Rack and Pinion Gate / Flap Gate	Piping - Material Handling	FLSMIDTH PRIVATE LIMITED		tkIS-India List
			BRAY		
			JASH		
			ORBINOX		
			F.L Smidth		
149	Stacker / Stacker Conveyor / Bucket-wheel Reclaimer	Piping - Material Handling	Elecon		tkIS India List
			T.R.F. Ltd., Jamshedpur		
			Metso		

Plant 1.0 MTPA ALUMINA REFINERY STREAM-5		Client NALCO	Contract Code NAL	Document ID 6695-PPM-552-BA-0001	Contract No. 66-6695
	LSTK Package - 1 (Bauxite Storage / Handling and Bauxite Crushing) : Sub Vendor List for Package Specific Items			Rev. 00	
Sr. No.	Item	Group	Vendors	Location	Remarks
150	Welding electrodes	Construction	ADOR WELDING LIMITED	Pune - India	tkIS-India List
			HONAVAR ELECTRODES PRIVATE LIMITED	Mumbai - MH	
			Esab	Chennai - India	
			D & H Sacheron Electrodes	Mumbai - MH	
			Bohler	Navi Mumbai - Maharashtra	
			L & T		Nalco List
151	Magnetic separators / Metal detectors	Piping - Material Handling	Electromag Joests		tkIS-India List
			Electrozavod		
			Magnetic corporation		
152	Bin Activators / Bin vibrators / Vibrating Cone	Piping - Material Handling	Kinergy Exp		Licensor's List (Approved by Board)
			Carl Schenk		
153	Skirtboard sealing system	Piping - Material Handling	KAVERI		tkIS-India List
			HOSCH		
			MARTIN		
			BMH		
			FLEXCO, USA		
					Nalco List
154	Scrapers	Piping - Material Handling	KAVERI		tkIS-India List
			HOSCH		
			MARTIN		
			BMH		
			Power aid		
					Nalco List
155	Plummer blocks	Piping - Material Handling	MASTA		tkIS-India List
			SIBCO		
			SMR		
			SKF/FAG		
			Techno (India) Kolkata		
					Nalco List
156	Bearings	Piping - Material Handling	SKF		tkIS-India List
			FAG		
			NTN		
			PREMIER	Ahmedabad, GJ	
157	Gear Boxes	Piping - Material Handling	ELECON		tkIS-India List
			NAW		
			FLENDER/ SEIMENS		
			SEW		
			PBL		
158	Geared motors	Piping - Material Handling	BON FIGLIOLI		tkIS-India List
			PREMIER	Ahmedabad, GJ	
			SEW		
			ABB		
			Seimens		
159	Flexible Couplings	Piping - Material Handling	PREMIER	Ahmedabad, GJ	tkIS-India List
			ELECON		
			FENNER		
			KTR Coupling		
			CONCORD		
					Nalco List
160	Fluid Coupling	Piping - Material Handling	ELECON		tkIS-India List
			PEMBRILL		
			FLUIDOMAT		
			Voith India		
161	Lift	Electrical	(1) Johnsons Lifts Ltd.	Tamilnadu	Additional sub-vendor over & above General Vendor List
			(2) Blue Star Elevators India Ltd		
			(3) Schneider Elevator India Private Limited		
162	Steel Plates & Structural Steel	Construction	1) SAIL		tkIS India List
			2) TISCO		
			3) RINL		
			4) ESSAR		
			5) JINDAL		
			6) JSW Steel		
			7) ISPAT		
163	Cement	Construction	1) ACC		tkIS India List
			2) Ultra Tech		
			3) Gujarat Ambuja		
			4) J. K. Cement		
			5) Zuari Cement		
			6) Lafarge		
			7) Binani Cement		
			8) J.P. Cement		
			9) Shree Cement		
			10) Grasim		
			11) BIRLA CORPN. LTD.		
164	White Cement	Construction	1) JK Cement		tkIS India List
			2) Birla		
165	Reinforcement Steel	Construction	1) SAIL		tkIS India List
			2) TATA STEEL		
			3) JINDAL		
			4) RINL		
166	Conveyor Belting	Piping - Material Handling	MRF		tkIS India List
			Dunlop		
			Phoenix Yule		
			Nirlon		
			Conti Tech	Germany	