SPECIALTY METALS DEFENSE CONSTRUCTION RENEWABLE ENERGY & AGRICULTURE

Overseas Development Corporation







Overseas Development Corporation (ODC) has been a leading international trading and business consultancy company since its establishment in 1956 in USA. Its founder and Chairman, Mr. Atilla Turkkan, was a successful businessman with an impeccable business track record.

Since its foundation, ODC has been involved in extensive international trading and business activities, ranging from import and export of commodities to implementation of complex projects. Extensive international experience and resources, coupled with commitment to its clients, are the hallmark of ODC' s reputation in the business sectors ODC currently operates: Specialty Metals, Defense, Construction, Renewable Energy and Agriculture sectors. ODC employs highly qualified technical, management and marketing people in their fields of expertise working in ODC's offices strategically located:

Headquarters in Stamford - Connecticut, Johannesburg - South Africa, Wuhan - China and Istanbul - Turkey.

We, as ODC, maintain the highest standards of corporate responsibility in every aspect of the way we do business. We constructively challenge and take the initiative for bold decisions and manage risks. We move quickly and make timely decisions to find the right products and services for the satisfaction of our customers. Anytime and everywhere we do business.





Trading in specialty metals, notably in electrical steel, has been ODC's primary business for over 60 years now. ODC purchases electrical steel products from major mills in five continents and distribute them to customers all around the world.

Since the establishment, ODC has been a leading importer and exporter at a global scale of Grain Oriented (CRGO) and Non-Oriented (CRNGO) electrical (silicon) steel. With leading U.S. and overseas steel mills among its principal suppliers, ODC has established a reputation for integrity and reliability throughout the world. All products packed with mill test certificates.

ODC offices in various countries provides daily support to customers in all aspects of sales and after sale support including slitting, shearing, lamination, and core manufacturing. In order to provide JIT services to its customers, ODC also has strategically located warehouses in :

Baltimore - USA,
Johannesburg - South Africa, and
Istanbul - Turkey.

Based on this extensive network throughout the world commodity markets, ODC has significantly developed the wide range of products traded, to become a major player in the electrical engineering industries. ODC in South Africa is the prominent supplier of materials and components to the transformer manufacturing market sector in that country. Its 5,000 sqm warehouse facility in Johannesburg also has manufacturing capabilities including 1,100 mm wide slitting line for electrical steel and non-ferrous materials, CNC plasma cutting, and robotic welding machines. Products manufactured include slit materials and stainless steel permanent cathodes for electrowinning copper plants.

In addition to its own offices and facilities in the United States and overseas, ODC has a network of associates and affiliates in many countries throughout Europe, Middle East, Asia, Far East and South America, most notably in Egypt and Brazil.

ODC's specialized staff are experts in meeting customer requirements, either from its own extensive inventory stocks or directly from established and reputable suppliers. This combination allows ODC to deliver products to customers when they need. Because of large volume procurement, ODC receives attractive prices and obtains quantity discounts which are reflected in favorable prices to its customers. Where required, ODC will provide financing or coordinate funding arrangements with external sources. ODC also enjoys special freight rates with certain carriers as high volume shippers. Potential buyers are invited to inspect the materials at ODC's warehouses.



PRODUCTS

Prime Grade Grain Oriented Electrical (silicon) Steel Coils and Strips:

- M-2 0.18mm (0,007")
- M-3 0.23mm (0,009")
- M-4 0.27mm (0,011")
- M-5 0.30mm (0,012")
- M-6 0.35mm (0,014")
- Regular Grades (can be annealed) M-2, M-3, M-4, M-5, M-6
- MoH, H-bi Grades (can be annealed) TCH H0-C, H1-C, H2 - C / MoH30, MoH27, MoH23
- Laser Grades (cannot be annealed) TCH H0-DR, H 1-DR and all standard Laser Grades

Non Grain Oriented Electrical (silicon) Steel Coils and Strips:

- Grades: M190 to M800 (M-19 to M-47)
- Thickness: 0.35, 0.50 and 0.65mm (0.14': 0.20" and 0.25")
- Width: 1,000 1,250 mm (40"- 48")

Transformer and Motor Core Laminations:

- E&I laminations to international specifications
- Motor and Generator Laminations
- Toroid Cores
- Cut core laminations

Transformer Cores:

- Cores for Distribution Transformer 50 KVA up to 10 MVA – Step-Lap
- Cores for Power Transformer
 - 10 MVA up to 1000 MVA Step-Lap
- Unicore / Jencore
- Dry and Specialty Transformers
- Cut Core Lamination and/or Complete Cores
- Reactor Cores
- Custom-built special cores

Products for Transformers:

- Enamelled Copper Wire
- Copper Coils, Strips and Bar
- Enamelled Aluminum Wires
- Aluminum Coils and Strips and Bar
- Rectangular / Flat Copper and Aluminum
- CTC Copper and Aluminum
- Pressboard 0,50 mm up to 8 mm
- Insulation Materials
- Radiator, Tank and Corrugated Wall
- Tap Changer, Bushing, Post Insulator
- And more...





ODC Defense Division, primarily active in Turkey, specializes in assisting companies in establishing and consolidating their international business ventures in many countries around the world. ODC has worked with leading defense contractors from the U.S. and elsewhere in the world, supplying most categories of military hardware, aircraft and systems, avionics, naval systems, and test and evaluation services for military applications.

ODC Defense Division's marketing, sales, and country-specific technical guidance provide client companies with major advantage from the initial inquiry and RFP stage through contract award and after-sales support. Likewise, joint venture arrangements have become increasingly important in many overseas programs, particularly those involving the acquisition of major items. In this sense, ODC is providing expert opinion on such key aspects as co-production, technology transfer, offsets, and investment and financing arrangements where and when required. Defense Division's personnel has included ex-senior military officers, as well as former procurement and defense industry executives with civilian backgrounds. Their combined experience and insights of the prevailing market conditions are passed on to ODC's customers, and provide the latter with full command and understanding of end-users' requirements and expectations. ODC is therefore ideally suited to act as the catalyst between Government (customer) agencies, local industry, and supplier in coordinating companies, programs ranging from direct sales to complex collaborative production schemes.

The hallmarks of ODC's services in defense sector are experience, capability, efficiency and an impeccable business reputation acquired over the last four decades.



In the construction sector, ODC takes a prime contractor position in real estate development projects such as office buildings, shopping malls and large-scale residential projects. This activity line was initiated in 1997, and its first assignment was the construction of ODC's Turkish headquarters building in Ankara. This building has a 2,000 sqm construction area was completed in 1999.

Following the ODC Office Building, ODC Construction Division took upon a major project to construct a neighborhood scale Shopping Mall. This 9,000 sqm shopping mall, named ODC Center, was completed in 2001.

The mission of ODC Construction Division ODC was established from start that each construction project shall introduce new technologies and products to the Turkish market. Given the earthquake-prone geography of Turkey, ODC decided to build light steel-framed earthquake resistant single-family houses in Omerli -Istanbul. ODC developed and implemented two realestate development projects consist-ing of thirty-four and twelve single-family houses, respectively, on 55,000 square meters of land. Construction of about 8,000 square meter housing area was completed in 2007 and all sold in 2008.

In 2010, ODC decided to make contribution to historical building stock of Istanbul and purchased about two centuries old wooden house classified as First-Grade Historical Building whose restoration required to be completed with original construction technology and archi-tectural design. Restoration of 500 sqm building was completed in 2014 and highly praised for the quality of work done.

ODC worked on a warehouse and service center construction project in lzmir-Turkey. Its location is at the crossroads of major highways, seaports, and airport in Aliaga Organized Industrial District. The facility was built on a 10,000 sqm land with about 7,000 sqm covered space and fitted with cranes and coil/pallet handling machinery.

RENEWABLE **ENERGY** & AGRICULTURE DIVISION

Starting from 2005, ODC initiated activities in renewable energy sector in Turkey. It started with bio-diesel production in Turkey. After few years of bio-diesel manufacturing in Turkey, ODC halted its activities in this sector due to lack of regulatory framework and adhered standards.

ODC's renewable energy initiative shifted to solar energy and started solar powered water pumping and purification systems for various applications, including deep-well water pumping for irrigation applications. ODC installed many water pumping stations both for agricultural use and potable water. ODC's work in this area later encompassed small scale building level solar power plants. ODC currently follows suitable solar power station projects to become an active member of the project team.



ODC has been involved in agriculture projects for more than two decades; starting first with import of heavy agriculture machinery, then seed processing facilities, milk-cow farming, canola production through subcontracted farmers, and marketing and distribution of organic fertilizers In support of ODC's bio-diesel manufacturing, ODC also got involved in canola farming together with farmins. ODC organized the largest contracted farming of oil seed (canola) production in Turkey. ODC has imported and distributed organic fertilizers and supplements to farmers in Turkey.



In addition to activities in business sectors of interest, ODC also provides various services to its clients in these sectors, including local support, after sale support, market surveys, consulting services, and financing.

Local Support:

As dictated by territorial conditions, ODC offers a variety of services around the world including technical and marketing assistance, JIT warehousing, and service center activities including slitting and core manufacturing.

After Sale Support:

ODC's services do not end with a sale. ODC is committed to provide after sale support to its clients and customers in logistics, custom clearance, maintenance and repair, and other assistance needed for successful completion of projects.

Market Surveys:

ODC provides in depth inter-national market surveys in its fields of interest identifying and assessing realistic business oppor-tunities for its clients ahead of competition.

Consultancy Services:

ODC offers its clients consultancy services and assistance in proposal presentation, contract administration, program management, training programs, technology transfer, co-production and offset planing and implementation through sound understanding of customer requirements, funding provisions and local procurement rules and regulations.

Financing:

ODC will finance or coordinate funding from local and external sources when financing is required.

ODC's international experience and vast network coupled with its commitment to its clients are the hallmark of ODC's reputation in every business ODC gets involved in and around the world.



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