

## LIST OF REFERENCES

**INDUSTRIAL EQUIPMENTS – sub-contract with Romanian manufacturers**

Beneficiary	Project description	Weight tons
VAI - Austria	Scrap buckets	321
CEMTEC – Austria	Bearing housings, couplings, cement mill parts, etc	180
PROVATIO - Austria	Rings for paper mills	25
Voest Alpine Stahl - Austria	Dummy bar	20
VAI - Austria	Twisting table, strip centering device, center rolls, fast disengaging clutch, slide unit, uncoiled mandrel	17
VA Stahl - Austria	Heavy scrap bucket, weighing beams, casting ladles	226
VAI – Austria	Descaler and spray header, rails, steel transfer car	55
VAI - Austria	Block Bearings	3
VAI - Austria	Column crane - upper part, parts for slag removal plant (Spritzkasten) etc	9
CEMTEC – Austria	Speed reduction units (Aufsteckgetriebe)	28
MCE Voest – Austria	Axles, bearings, distance rings, bushings	6
PROVATIO – Austria	Adjusting devices, rings and bearing housings, spare parts for metallurgical equipment	18
C.M.I. – Belgium	LP + IP Drums	57
C.M.I. – Belgium	LP + IP Drums + Blow Down Tank	29
VAI – Austria	Tundish tube, withdrawal and straightening unit, scrap collecting system	43
TEGUM - Austria	Absorption vessel	13
VAI – Austria	IBF centre shaft with lugs, cooling can, rotary distributor	11
Z & J Technologies - Germany	Burner, valve	27
VAI – Austria	Foundation frames - Reversing Stand	18
VA Stahl - Austria	Axles, bearing housings, rollers, apron roll assembly, check stop valves, closing couplings, frames, etc	34
C.M.I. – Belgium	LP Drums	18
C.M.I. – Belgium	LP, IP Drums and Feed Water Tank	62
VAI – Austria	Gear wheel, pinion, charge hopper lower cone	19
Veth Motoren -	Mounting Rings	5

Netherlands		
VA Stahl – Austria	Closing valves ( Doppelkegelverschlüsse)	13
VAI – Austria	Curved guiding rail, mixed material charging system, star chutes etc	42
Z & J Technologies - Germany	Control valves of various types	50
Z & J Technologies - Germany	Valve bodies and axles for valves	365
Z & J Technologies - Germany	Compensators, spare parts	62
Giesstechnik Bremer Germany	Girders for rolling-mill stand	4
Giesstechnik Bremer Germany	Roller levers	347 pcs/3.6
VA Grobblech – Austria	Mill cylinders, distance rings	4
Bilfinger -Austria	Universal joint axle	1,9
CEC Crane -Germany	Rope Drums	65 pcs/220,6
CEC Crane -Germany	Component parts of crane	2
Giesstechnik Bremer Germany	Rack body and shifting frame with bearing support	36
Giesstechnik Bremer Germany	Various parts (straightening sheets, gear housing, bearing parts, etc.)	3.6
Technisches Büro K.H. Corde Germany	Crane hooks	8 pcs/0.8
Baltic Cranes Industry Lithuania	Rope Drums	12 pcs/18.3
Baltic Cranes Industry Lithuania	Component parts of crane	0.7
Baltic Cranes Industry Lithuania	Trolley( Trolley frame rope drums, spare parts)	4 sets/4.8

### **SUPERVISION: technical assistance, expediting, follow-up, quality control**

<b>Beneficiary</b>	<b>Project description</b>	<b>Weight tons</b>
A.E.&E. - Austria	Chimney and bunkers, heat exchangers, compensators	525
VAI - Austria	Profiling machine, welding machine, calibrating machine, distribution gears	43
VAI - Austria	Profiling machine, welding machine, calibrating machine, strip preparation, strippers and roll cooling, bender segment and bow segment	157
VA Stahl – Austria	Funnel – lower part, cooling boxes for furnace, dust removing outlet	53
VA Stahl - Austria	Slag conveyor	49

VAI - Austria	Cross transfer, roller table, cooling bed, up-enders, distribution car, ladle barrow	250
VAI Pomini – Italy	Hydraulic shear	19
VAI – Austria	Gear parts	5
C.M.I. – Belgium	Ducting	127
VAI – Austria	Segments, mandrel equipment down coiler, rollers, etc	12
VAI – Pomini Italy	Roller table, cooling bed	1447
VAI - Austria	Distribution car, dummy bar	59
C.M.I. – Belgium	LP+IP+BDT Drums, ducts, chimney, expansion joints	800
C.M.I. – Belgium	HP Drum	31
C.M.I. - Belgium	HP Drum	84
VA Stahl – Austria	Gear wheels, pinions	7
VA Stahl – Austria	Dummy bar (Kaltstrang)	21
VA Stahl – Austria	Casting ladles (Stahlgießpfannen)	280
C.M.I. - Belgium	Piping manufacturing	192
C.M.I. - France	Steel structures	100
C.M.I. - France	Steel structures	141
C.M.I. – Belgium	Inlet tank, air tank	66

## TRANSPORT – TehnoConsulting organized

Transport by truck:

- trucks with capacity 1.5t, 3t, 7t, 20t, 22t
- jumbo or mega trucks
- open TIR
- over-size transports
- groupage transports

Transport by river and by sea

Beneficiary	Project description	Weight tons	Transport
Voest Alpine Stahl - Austria	Heavy scrap bucket, slag discharging device etc	101	Over-size transport by truck Romania -> Austria
VAI – Austria	Cross transfer, roller table, cooling bed, up-enders, distribution car, ladle barrow, dummy bar, distributing chutes	660	Normal and over-size transport by truck Romania -> Germany
VAI – Austria	Profiling machine	20	Transport by truck Romania -> France
VAI – Austria	Scrap buckets	321	Over-size transport Romania -> Belgium
VA Stahl - Austria	Casting ladles, steel transfer car, distribution car, slag conveyor	322	Over-size transport by truck and by river Romania -> Austria

C.M.I. – Belgium	Heads for pressure drums	23	Over-size transport by truck France → Romania Austria → Romania
C.M.I. – Belgium	LP + IP Drums, BDT	104	Over-size transport by truck Romania → Belgium
C.M.I. – Belgium	Ducting	159	Transport by truck Romania → Belgium
VAI Pomini – Italy	Roller table, cooling bed, cross transfer, bar collecting device, layer weighing system	1578	Normal and over-size transport by truck Romania → Sweden
CEMTEC - Austria	Bearing housings, foundation plates, parts for cement mill	30	Transport by truck Romania → Austria
C.M.I. – Belgium	LP, IP Drums and Feed Water Tank	62	Over-size transport by truck Romania → Greece
C.M.I. – Belgium	IP Drums, ducting, chimney	223	Normal and over-size transport by truck Romania → Spain
Z & J Technologies - Germany	Free-issued materials and parts for valves	538	Normal and over-size transport by truck Germany → Romania
Z & J Technologies - Germany	Control valves of various types, valve bodies, compensators, spare parts	480	Normal and over-size transport by truck Romania → Germany
C.M.I. – Belgium	Piping	261	13 containers by truck Bucharest – Constantza Port
C.M.I. – Belgium	Piping	34	2 containers by truck Bucharest – Awans (BE)
CEC – Crane Germany	Rope Drums	201	Transport by truck Romania → Slovakia

## PROCUREMENT OF MATERIALS

Beneficiary	Project description	Weight tons
Provatio - Austria	Plate sheets and heads for pressure vessels	42
Z & J Technologies - Germany	Stainless steel bars	14
Upetrom - Romania	European beams types H, I, U (profiles)	1585

## ENGINEERING, DETAIL ENGINEERING

Beneficiary	Project description	Weight tons	Remarks
Voest Alpine - Austria	Reducer, slag conveyor	3	Engineering
CEMTEC - Austria	Speed reduction units	11	Engineering
VA Stahl - Austria	Steel transfer car	36	Detail-engineering

