



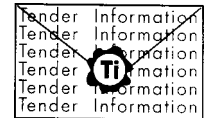
The Indonesian automotive components industry faces significant challenges, but also has tremendous opportunities. With the advent of policy changes induced by commitments to international institutions, in particular the WTO, APEC and AFTA, the Government of Indonesia (GOI) hopes these new policies will resuscitate an automotive industry that has been brought to the brink of collapse by two years of economic crisis. The long-term goal is to encourage the development of a more efficient automobile industry, stimulate demand for private automobiles

and create a strong, globally competitive component sector. This represents a new direction for the Indonesian auto sector after 30 years of protectionism. In the longer run, the GOI's objective is to foster a more efficient and globally competitive Indonesian automotive industry, in particular, a component sector geared to supply both local and foreign manufacturers.

(Source : EEPC Singapore Office)

(To be continued at next issue)

Tender Information



Lebanon

Vehicles

Issued by : Minister of State for Administrative Reform
Office 509, Fifth Floor
Starco Building, Block A, Beirut, Lebanon
Fax : (9611) 371599
E-mail : nbazzi@omsar.gov.lb
(cc to ysaad@omsar.gov.lb)
Website : www.omsar.gov.lb

For : Supply of vehicles, including skid steer loaders, skid steer sweepers, waste trucks, pick-up trucks and rear tippers, for various municipalities. Financed by the EU. An information meeting will take place on 4 April.

Bid bond : Eur 10,500

Performance bond : 10% of contract price.

Closing date : 02.05.2006

Tunisia

Electricity Generator Sets

Issued by : Societe Tunisienne d'Electricite et de Gaz
Direction Logistique Distribution
Department Approvisionnement
38 Rue Kemal Ataturk, Batiment G
Troisieme Etage, 1080 Tunis, Tunisia
Tel : (21671) 341311
Fax : (21271) 349981/330174/341401

Tender No. : 2005-D-3259

For : Supply of 400-kVA generator sets as part of an electricity network distribution project. Financed by the African Development Bank.

Bid bond : TD 7,000. (Details on payment of TD 70)

Closing date : 24.05.2006

(Source : MEED, Vol. 50, No. 10 dated 10th - 16th March, 2006)

Iran

DRI Plant

Issued by : Isfahan Steel Company
Foolad Technic International Engineering Company
No. 20, Second Floor, Kamran Lane, Jihad
Fatemi Square, Tehran, Iran
Tel. : 9821-88926776-8

Or

Isfahan Steel Company
Foolad Technic International Engineering Co.
Daneshgah Street, Isfahan, Iran
Tel. : (98311) 6279218/6279219-21 Ext. 349

For : Provision of investors for a renovate-operate-transfer (ROT) contract comprising the construction of a world scale direct reduction iron (DRI) plant to increase steel capacity. The facility has a capacity to produce 600,000 tonnes a year (t/y) of sponge iron, but is only operating at 300,000 t/y. The investor must provide financing, and make feedstock arrangements as well as finding a market for the end product. The total implementation period is 18 months.

Closing date : 06.05.2006

Iran

Railway Bridges

Issued by : Iranian Islamic Republic Railways
Purchasing Department
Room 438, Fourth Floor
Shahid Kalantari Building
Rah Ahan Square, Tehran, Iran
Tel. : (9821) 5122923/5467051
Fax : (9821) 5647083

Tender No. : 18-84-12

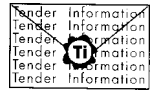
For : Supply of three rapidly installed railway bridges.

Bid bond : IR 455 million or \$ 50,000
Details, available until 19 April, on payment of IR 100,000—to Account No. 574,67, Bank Melli Iran, Central Branch.

Closing date : 20.05.2006



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Iran

Blast Furnace Chargers

Issued by : Esfahan Steel Company
Spare Parts Supply & Contracts Services Dept.
Shafagh Building, After Ghaemiyeh Zone
Start of Zob-e Ahan Freeway, Esfahan, Iran
Tel. : (98335257) 36273612
E-mail : supplier@sfahansteel.com
Website : www.esfahansteel.com

Tender No. : **18-84/343**

For : Supply of four charging devices for blast furnaces.
Details available from Esfahan Steel Company,
Shahid Alley, Karimkhan-Zand Avenue, Vali-e Asr
Square, Tehran, Iran Tel. : (9821) 88935556-9

Closing date: *Not stated*

Iraq

LPG Loading System

Issued by : State Company for Oil Projects (SCOP)
Oil Ministry, Oil Complex Building
Port Saeed Street, PO Box 198, Baghdad, Iraq
Attn. : Director-General
Tel. : (9641) 8177000/8177021/8177050
Fax : (9641) 8177119
E-mail : genscop@warkaa.net

Tender No. : **5294/PR-01**

For : Provision of a liquefied petroleum gas (LPG)
loading system for the Najaf depot. Details
available on payment of \$ 500.

Closing date: **03.05.2006**

UAE

Power and Desalination Plant

Issued by : Dubai Electricity & Water Authority
Office of the Contracts Manager
P.O. Box 564, Dubai, UAE
Tel. : (9714) 3244444
Fax : (9714) 3248111
E-mail : contracts@dewa.gov.ae

Tender No. : **CNE/001/2006**

For : Construction of the 2,000-MW, 105 million-
gallon-a-day Jebel Ali M power and desalination
station adjacent to the station L phase II plant
currently under construction. The scope of works
comprises : (1) power plant package P, consisting
of gas turbines, associated heat recovery steam
generators, condensing extraction steam turbines
and associated works; and (2) desalination
package D, consisting of multi-stage flash (MSF)
desalination units, auxiliary boilers, seawater
pumps, potable water pipes and associated works.
Contractors may bid for one or both packages.
The M station is planned to be commissioned in
stages during 2009 and 2010.

Bid bond : Bid bond is 5% of tender price.
Details on payment of AED 5,000

Closing date: **24.06.2006**

(Source : MEED, Vol. 50, No. 11 dated 17th - 23rd March, 2006)

Kuwait

Issued by : Central Tender Committee
P.O. Box 1070, Safat 13011, Kuwait
Tel. : 2401200 (5 lines)
Telefax : 2416574

Tender No. : **ME/EW/96/2005-2006**

Requirements : Supply & Installation of 132/300 kV overhead
lines.

Fee (KD) : 2000.000

Initial Deposit : 2.5% of offers value.

Closing date : **23.04.2006**

For further details, please contact :

Shri Satish Sakleshpur
Attache (Commercial)
Embassy of India, P.O. Box 1450, Safat 13015, Kuwait
Tel. : 2530600/612/613; Fax : 2525811
E-mail : indecomk@qualitynet.net

(Source : Embassy of India, Safat)

Uzbekistan

Western Uzbekistan Rural Water Supply Project

Loan No. : 1903-UZB

Issued by : Ministry of Economy
ADB Project Management Unit
8A, Uzbekistan Avenue, Tashkent 700003
Republic of Uzbekistan
Tel. : 998 (71) 132 6513
Fax : 998 (71) 132 6497

For : Supply, deliver and install of the pumps to
following pumping stations :

Item No.	Goods	Quantity of Pumps
1.	Intake pumping station	6
2.	Sludge pumping station	3
3.	Sediment flush pumping station	3

Tender cost : US\$ 100.00 or Uzbek Soum 120,000.00
(non-refundable) + US\$ 65 (Courier charges)

Bid security : US\$ 32,000.00 or Uzbek Soum 39,000,000.00

Bid deadline : **17.05.2006** [on or before 3:00 p.m.]

For further information, please contact :

Mr. Daya Nand, First Secretary (Com.) & HOC
Embassy of India
3, Alexei Tolstogo Street, Tashkent, Uzbekistan
Tel. : 998-71-1338357/1338267
Fax : 998-71-1335544
E-mail : indhoc@buzton.com

(Source : Embassy of India, Tashkent)

Iraq

Substation & Feeder Project

Reproduced below the "Technical Specification for Medium Voltage Power Cables" received from M/s. iComPort, Baghdad, Iraq. They are a leading engineering firm in Iraq. They are currently executing an \$ 8M contract with the US Military for an underground feeder project to connect a number of substations together.

They are also going for another project which involves overhead feeder.

All the medium voltage cables should be according to the Iraqi Ministry of Electricity (MOE). ACSR cables should be according to DIN standard No. 48204.

Interested member-exporters may quote on the items whichever they manufacture on an urgent basis.

Also note that the price should be fixed for 3 months.

For further information, please contact :

Mr. Abdollah Fouladvan
Director of Enterprise Solutions
iComPort
Baghdad, Iraq
Tel. : +964 7903 592-551
E-mail : a.fouladvan@icomport.com
Website : www.icomport.com

TECHNICAL SPECIFICATION FOR MEDIUM VOLTAGE POWER CABLES

Medium Voltage Cable with Copper Conductor

1. Scope of the Tender :

This tender includes for the manufacturing, testing, packing, shipping delivery ex-works, FOB & C&F of 18/30 (36) kV and 12/20 (24) kV cables.

2. General Requirements :

The materials shall be of first class quality and designed for continuous satisfactory operation as continuity of supply is of prime importance and to operate satisfactorily under variation of load, voltage and short circuit or other conditions which may occur on the system provided that these variations are within the assigned rating of the apparatus.

2-1. Ambient Temperature :

- Highest maximum (in the shade) 55°C for about 6 hours a day
- Lowest minimum (-10)°C
- Maximum yearly average (+30)°C
- Maximum daily average (+40)°C

2-2. Sun Temperature :

Black objects under direct sunshine attain a temperature of 80°C

2-3. Air Humidity :

- Maximum 92% at 40°C
- Minimum 12%
- Yearly average 44%

2-4. Altitudes :

From sea level up to (1000 m)

3. Technical Requirement :

3-1. System Data :

a. 33 kV System

- Nominal voltage 33000 volts
- Highest system voltage 36000 volts
- system 3-phase, 3 wire with neutral grounding transformer to limit the earth fault current to 1000 Amp.
- Frequency : 50HZ
- Short circuit breaking current 25 KA.R.M.S at 33000 volts.

b. 11 kV System

- Nominal voltage 11000 volts
- Highest system voltage 12000 volts
- system 3-phase, 3 wire neutral earthed through resistance of 21.1 OHM limiting earthed fault current to 300A
- Short circuit breaking current 25 KA R.M.S. at 11000 volts.

3-2. Standards :

The cable shall be in accordance with the latest issue of the I.E.C. Particularly IEC Nos. 60502 & 60228 specifications and 60949.

3-3. Deviations :

The tenderer shall particularly mention in his tender all deviations of his offer from the specifications described in these tender documents.

4. General Cable Characteristics :

4-1. Conductor :

Compact electrolytic annealed stranded plain circular copper conductor of high conductivity 99.9% purity.

4-2. Conductor Screen :

A layer of extruded semi-conducting compound forming a non-metallic screen. The extruded semi-conducting compound shall be firmly bonded to the insulation.

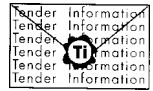


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- 4-3. Insulation :
Extruded XLPE cured with dry curing process.
- 4-4. Insulation Screen :
- Non-metallic screen applied directly over the XLPE insulation and shall consist of a layer of extruded semi-conducting compound and of 50% overlap semi-conducting tape.
 - The metallic screen must be a combination of copper stranded and copper tape.
For 33 kV cable the equivalent cross-section area to be 35 mm²
For 11 kV cable the equivalent cross-section area to be 25 mm²
- 4-5. Filler & Bedding :
The three cores then laid up with suitable extruded EPR fillers a compact circular assembly and bedded with a layer of extruded P.V.C.
- 4-6. Waterproof Tape :
A layer or suitable tape for water proofing to be laid over the bedding.
- 4-7. Metallic Armour :
The three cores then armoured with double galvanized steel tapes of thickness not less than 0.5 mm. 50% overlap.
- 4-8. PVC Jacket :
Over all extruded PVC seamless sheath to prevent moisture from penetrating and provides good corrosion protection thickness not less than 3 mm and to be antitermite treated (non-polluted material).
Marking of (11 kV) or (33 kV) in the Arabic language should be stamped each one meter length and treated. Also name, year of manufacture, Voltage & cross section in the Arabic language. The colours are to be : RED for 33 kV, BLACK for 11 kV.
- 4-9. Packing :
The required cables lengths are to be supplied on sea - worthy good quality drums of lengths as specified in item 5.
5. Type of Cables :
- 5.1. 36 kV Cables :
- 5.1.1. 1 x 400 mm²
For this cable the applicable paragraphs of Article 4 are : 4.1, 4.2, 4.3, 4.4, 4.6, 4.8, 4.9 - with rated voltage VO/V = 18000/30000 V (suitable for highest system voltage of 36000 V) 500 m. length drums.
- 5.1.2. 3 x 150 mm²
For this cable the applicable paragraphs of Article 4 are : 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9 - with rated voltage VO/V = 18000/30000V (suitable for highest system voltage of 3600v) on 250 m length drums.
- 5.2. 24 kv cables :
- 5.2.1. 1 x 400 mm²
For this cable the applicable paragraphs of Article 4 are : 4.1, 4.2, 4.3, 4.4, 4.6, 4.8, 4.9 - with rated voltage VO/V = 12000/20000 (suitable for highest system voltage of 12000V) with 250 m length drums.
- 5.2.2. 1 x 150 mm² :
For this cable the applicable paragraphs of Article 4 are : 4.1, 4.2, 4.3 (same note as para 5-2-1) 4.4, 4.8, 4.9 with 500 m length drums.
- 5.2.3. 1 x 95 mm²
1 x 70 mm²
1 x 50 mm²
(same statement AS 5-2-2)
- 5.2.4. 3 x 150 mm² :
For this cable, the applicable paragraph of Article 4 are : 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9 - with rated voltage 12/20 kV and thickness of, insulation 5.5 mm² with 250 cable drums.
6. Technical Information for Cables :
The tenderer is requested to give following information with his offer :
- Resistance of copper per KM of cable
 - Inductance of copper per KM of cable
 - Capacitance of copper per KM of cable
 - Insulation resistance in M.OHMS between cores/screen
 - Weight of copper per KM of cable
 - Overall weight of cable per KM of cable
 - Overall diameter of finished cable in mm.
 - Type of chemical treatment against termite in the outer sheath.
7. Tests
Cables and accessories shall be subjected to inspections and tests by our inspectors or international inspectors at any time during manufacture. The manufacturers shall provide inspection facilities for the said inspection shall be made at place of manufacture or at international testing facilities.



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8. Cable Joints and Termination :

Cable joints and terminations to be slip on or heat shrinkable type complete with all necessary jointing materials suitable for 24 & 36 kV under-ground cable, the terminations and joints should be as follows :

- 6-1. Straight through joint box for cable shown under 5.1.1 complete.
- 6-2. Outdoor end boxes suitable for cable shown under 5.1.1 complete.
- 6-3. Indoor end boxes suitable for cable shown under 5.1.1 complete.
- 6-4. Straight through joint box suitable for cable shown under 5.1.2 complete.
- 6-5. Outdoor end boxes suitable for cable shown under 5.1.2 complete.
- 6-6. Indoor end boxes suitable for cable shown under 5.2.1 complete.
- 6-7. Straight through joint box suitable for cable shown under 5.2.1.
- 6-8. Indoor end boxes suitable for cable shown under 5.2.1 complete.
- 6-9. Outdoor end boxes suitable for cable shown under 5.2.1.
- 6-10. Indoor end boxes suitable for cable shown under 5.2.2.
- 6-11. Indoor end boxes suitable for cable shown under 5.2.3.

N.B. : The prices shall be based on L.M.E. price for copper bar 1800 U.S.D/M.T. The formula for price variation shall be given.

Iraqi Overhead Feeder & Substation Project

First section involving 33kV 2 x single circuit overhead feeders (25 km) :

#	Item	Unit	Qty.	Unit Price	Total
1.	Disc Type Insulator with Accessories	Ea	1950		
2.	ACSR Aluminium Conductor Size : 210/35 mm ² according to DIN standard No. (48204)	km	140		
3.	Copper Cable Size : 3 x 150 mm ² 33 kV XLPE according to the MOE spec.	Meter	500		

#	Item	Unit	Qty.	Unit Price	Total
4.	Heat Shrink Straight Joint for outdoor 33 kV XLPE cable 1 x 150 mm ²	Ea	2		
5.	Earth Rod - length 1.5 m Ea 205	Ea	205		
6.	Copper Cable for Earthing Size : 50 mm ²	Meter	500		
7.	Heat Shrink Straight Joint for indoor 33 kV XLPE cable 1 x 150 mm ²	Ea	2		
8.	Lightning Resistor 23 kV	Ea	2		
9.	Link Switch	Set	4		

Second section involving 33 kV 2 x single circuit overhead feeders (2 x 21 km) :

#	Item	Unit	Qty.	Unit Price	Total
1.	Disc Type Insulator with Accessories	Ea	3315		
2.	ACSR Aluminium Conductor Size : 210/35 mm ² according to DIN standard No. (48204)	km	140		
3.	Copper Cable Size : 3 x 150 mm ² 33 kV XLPE according to the MOE spec.	Meter	1000		
4.	Heat Shrink Straight Joint for outdoor 33 kV XLPE cable 1 x 150 mm ²	Ea	4		
5.	Earth Rod - length 1.5 m Ea 205	Ea	344		
6.	Copper Cable for Earthing Size : 50 mm ²	Meter	750		
7.	Heat Shrink Straight Joint for indoor 33 kV XLPE cable 1 x 150 mm ²	Ea	4		
8.	Lightning Resistor 23 kV	Ea	4		
9.	Link Switch	Set	4		
	Shipping CIF Baghdad	Lot	1		

(Source : Direct from the party)