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AMEX Case Study

UN Procurement Seminar / Copenhagen / July 2018

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We care
for those in need

We are proud that our work improves the lives of millions of people. We value that we partner with the leading humanitarian aid and development organizations and are aware that this privilege comes with great responsibility.

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We care for utmost customer satisfaction

We ensure that all customer requests are answered in a full and timely manner. Our products are often needed urgently, thus we provide the highest level of delivery quality. In the same time, we constantly seek to improve efficiency and offer the best value for money.

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We care for the well being of our team

The management acts competently and ethically. Each team member deserves equal opportunity for employment, development and compensation. We ensure that our employees enjoy their work at AMEX.

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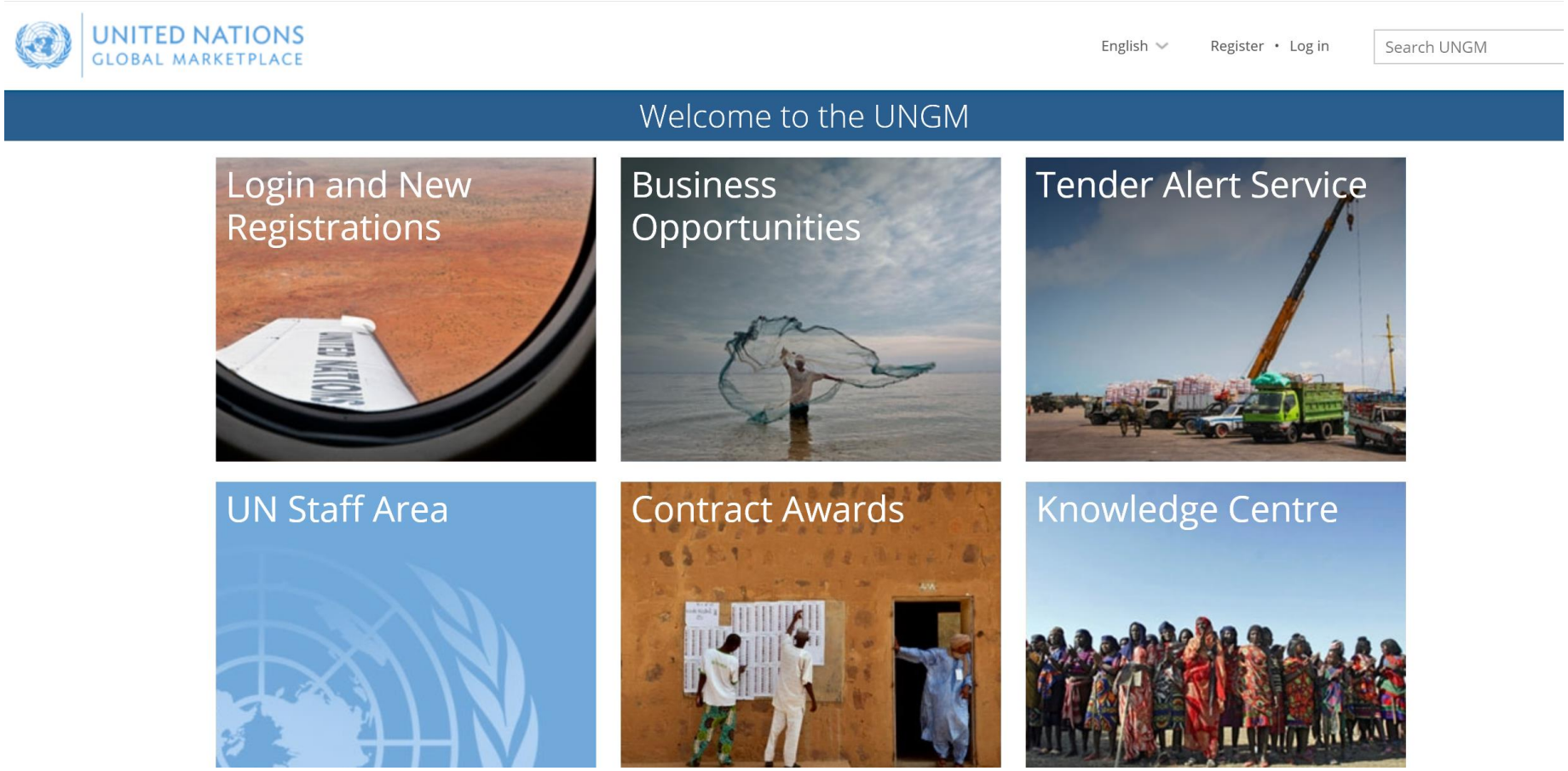
Case Study

Supply and Installation of Medical Equipment to Ninawa, Anbar and Salah Al-Din Governorates in Iraq

Step 1: Get the tender documents from UNGM



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Arm ceiling light
with camera and remote monitor unit, with power supply unit complete with all other accessories

Refrigerated centrifuge r.p.m
> 24000, temp. -10 - 40 c at least 16 tube holder with digital display

Electro-hydraulic technology for shockwave generation Shock wave generator voltage range: multi energy levels (selectable)
At least 10 levels in each energy level or equivalent Multi selectable frequency levels
Pressure at focus: minimum 700 and maximum 1100 bar Shock wave focus Dual focus 6 x 28 mm or 9 x 50 mm (size selectable during treatment) Focal distance: 135mm or better
Re-usable electrodes suitable for at least 8 treatments per electrode.
Should be supplied along with electrode adjustment tool kit 10 liters' water tank or above Shock wave coupling: flexible membrane
Motorized three axis treatment table controlled by wired remote control.
MAX Patient weight: 150 kg Operate on 200 to 240 V ac, 50Hz input supply.
Suitable stabilizer should be supplied.
Consumables like electrodes, membranes, 0-rings etc shall be provided for 3000 treatments.
Penetration depth 0-180 mm Integrated X-ray System:
Localization projections
In-line localization Ultrasound system Black and white Projections: in-line AP/PA and 302 lateral (isocentric)
X-ray generator: 50 kW
X-ray modes: fluoroscopy, film radiography, digital radiography
Turnkey work Rate for sound proofing the room should be provided.

Spectrophotometer, Visible spectrophotometer, optical band with 8 nm, wave length range (320nm-1000 nm), wave length display large seven segment bright LED, absorbance zero setting O A & 100% T automatic by press bottom optical system holographic gratings coated optics ,light sorces halogen lamp.
Water distillation appliance Water distillation4Lts/hr distillation speed , made of stainless steel and two stainless steel(tanks and condenser)
Mini VIDAS instrument
Weight 40 kg (88 lbs)
Voltage 100-240 VAC
Consumption 1.5 - 0.8 A
Frequency 50-60 Hz Throughput 60 samples per hour
Frequency 50-60 Hz
Power 50-60 W Heat emission
Approximately 512 Btu/hr

Electrical oven up to 200 C
Temperature range: 50°- 300°
Temperature control: Thermostatically controlled Inside material: Double /Triple walled Construction inner chamber made of Stainless steel with supports on the three sides for two steel shelves
Outside material : Mild steel sheet painted/powder coated Insulated stainless steel door with locking and rear zinc plated steel
Capacity : > 50 ltr.
Safety Alarm : Yes (Audible and visual) - Optional automatically shut down protection circuit Air circulating fan Yes Digital timer Yes Power supply
220/240 VAC, 50/60 Hz
Over current & over heated protection circuit Three Pin UK type Plug Voltage corrector/stabilizer circuit of (Input 160-260 V and output 220-240 V and 50 Hz)
Other specification
on/off rocker switch with indicator
Adjustable wire mesh nickel plated trays/aluminum trays Digital indicator cum controller The gap between the two walls filled with glass wool insulation Easy-to-clean interior
Forced air circulation by quiet air turbine/Fan to ensure uniform temperature
Fitted with load indicator and safety thermostat take over indicator lamp. LCD/LED Indicator
Output available for data acquisition
The unit shall be capable of being stored continuously in ambient temperature of O N 70° C and relative humidity of 15-90%
The unit shall be capable of operating continuously in ambient

Electrical powered system Bone drill,saws, reamers & accessories :
Application: the device is used in orthopedic operative procedures for the following function:
- Drilling bones(compatible with various diameters of drill bits).
- Cutting large &small sizes bone and cartilage(compatible with various saw blades(oscillating & reciprocating function)).
- Low speed Reamers (compatible with handling rods for total hip & knee reamers).
1. Bane Type: large and / or small.
2. Motor Type: Electric, Motor in hand piece.
3. Material (outer body): stainless steel, plastic, or better.
4. Portable device & durable. 5. Compatible Chuck Type for drill, reamer &reciprocating and oscillating saw.
6. Sterilization: can be by Autoclaves or liquid (cidex for e.g).
7. Lubrication Required: No.
8. System Functions: (better in separated hand pieces).
A- Drill of wires, drill bits or pins.
B- Saw(for Oscillating, Reciprocating, with their coupling attachment in one hand piece).
C- Reaming :various couplings for different reamers rods of the common systems of total hip & total limp & total knee replacement).
10- Standard accessories: Nozzle cleaner.
11- Variable speed control. 12- Battery: rechargeable battery (optional).
13- Compact battery charger (optional).
14- Sterilizer case and tray.
15- Input power: 220/240 VAC, 50/60 Hz single phase.
16- Environmental requirements: the equipment suitable for work in the climate conditions in Iraq in terms of temperature & humidity.

Over bed table
Digital CR Reader
floor stand with keyboard holder
include PC, monitor, keyboard, or barcode reader option
Plates per hour (70 cassette/hr)
Cassette sizes: (8" xlO")
,(10"x12"),14")x 14"),(14"x 17")
Time to first image :high- speed scan mode Grayscale resolution :
Acquisition: 16 bits per pixel Display: 12 bits per pixel Monitors:
17" fat panel monitor, 1280
X 1024
19" fat panel tauch screen monitor,
1280 X 1024
Power : 200/230V AC 50/60Hz
UPS ,table and roof.
With required software and accessories

CT SCANNER (Philips Or Siemens Or Toshiba Or GE Or Equivalent)
SYSTEM COMPONENTS : CT
gantry, laser alignment, control console, workstation
CT SCANNER:
Bore diameter, cm : 78 Max FOV, cm : 60 Slices : 64
Slice widths, mm : 0.5, 1,2, 4, 5, 10
Axial spatial (50% MTF), lp/mm: 10
Low-contrast, mm @ % @ S2.5
rads : Better than 4 @ 0.3 @ 2 Noise, % @ S2.5 rads :< 0.3 @ 3
COMPATIBLE CT SCANNERS:
Any DICOM-compatible scanner
PATIENT TABLE:
L x W, cm : 200x65
Max load capacity, kg : 210 X-RAY:
Generator, kW : 60
Tube Heat capacity, MHU: O; start on tube technology with superfast cooling equivalent to 30 MHU heat capacity
Tube Heat dissipation rate, HU/min : 750000
Rotation rate, sec : s 0.5
IMAGE RECONSTRUCTION :S
16 Images/sec LASER SYSTEM:
Configuration: 3
Laser type: According to manufacturer
Wavelength(s), nm : 635 735
Power output, mW: <1
Positioning accuracy, mm :<
±0.5
Projected beam pattern size, mm :<1.5 RECONSTRUCTION TIME:
lnstantaneous (Real Time Beam's-eye view
DRRs: <1 sec WORKSTATION:
Hardware platform :According to manufacturer
Memory, GB : 146
Storage media : MO disk, DVD, PACS
Hard-copy device :Any DICOM-print-compatible laser film image & optional color laser printer Software features :All Clinical applications preference
RTP SYSTEM INTERFACE: Any DICOM RT
NETWORKING : TCP/IP SITE REQUIREMENTS:
According to manufacturer Power supply : Medical Approved power supply board Une voltage : - 480 VAC, 50/60 Hz, 3-phase delta/wye Phase Synchronizer : Yes Voltage stabilizer :- YES (170-260 VAC to 220 /240 VAC
stabilizing board or Device UPS :Yes with 60 minute power back up for operation system & Optional 60 power back up for whole system
Power Generator {KW): - Optional According to system Other specification:
- Cone beam CT
- Wide aperture
- Lung care
- Respiratory gating
- Fusion

Step 2: Read them very carefully!

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Step 3: Decision on participation

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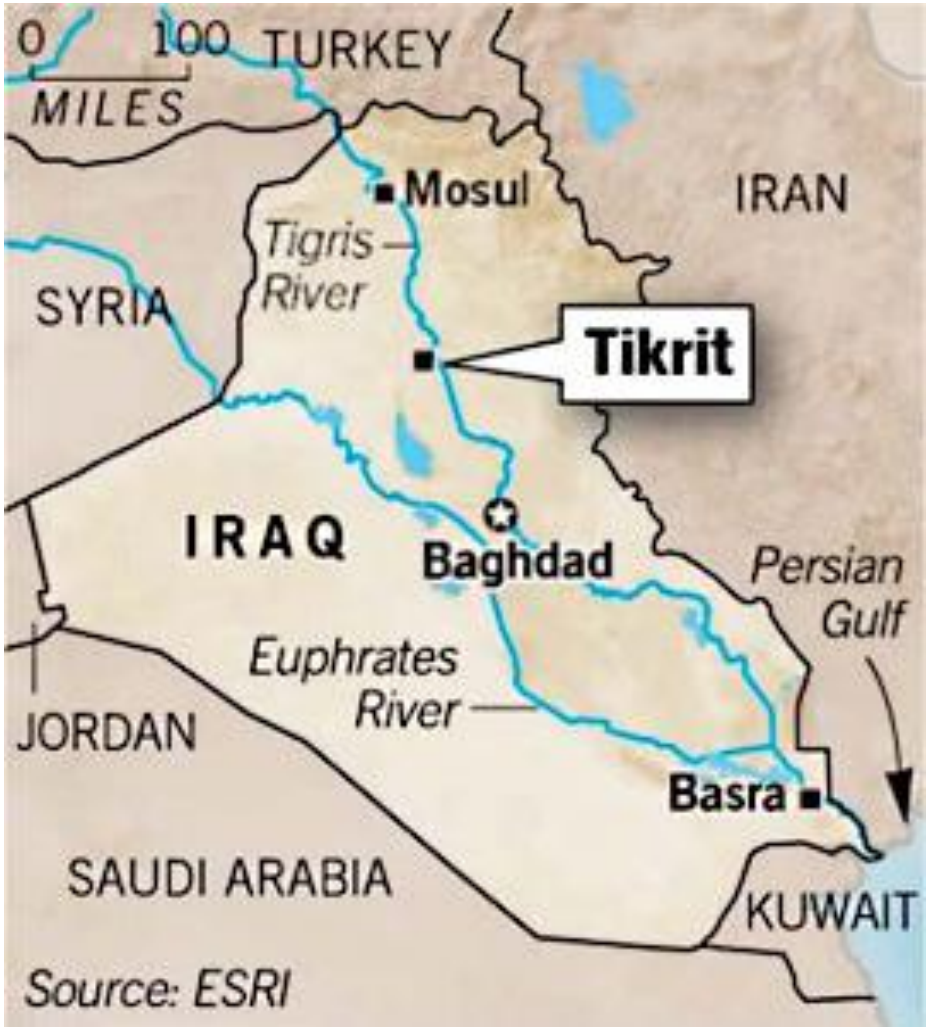
Step 4: Challenges



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Step 5: Challenges

Bezirksgericht Leopoldstadt, 6. Dezember 2017

Robert Meiboeck

102Jv 5574/17p
Die Echtheit der vorstehenden Unterschrift
des Herrn Fachoberinspektor
Robert Meiböck
des Bezirksgerichtes Leopoldstadt
wird bestätigt,
Der Präsident des Landesgerichtes für ZRS Wien
1011 Wien, Schmerlingplatz 11
Wien, am - 7. DEZ. 2017
Für die Präsidentin:
Illmaier, BA

Gebühr entrichtet

CONSULAR DEPARTMENT AUTHENTICATION
EMBASSY OF THE REPUBLIC OF IRAQ VIENNA
No. 566 Date 7/12/2017

Consul
Ahmed Al-Shouk

Die Echtheit der Unterschrift des (der)
Wolfgang ILLMAIER
Landesgericht für Zivilrechtssachen Wien
sowie des vorliegenden Amtssiegels wird bestätigt.
Wien, am - 7. DEZ. 2017
Bundesministerium für Europa,
Integration und Äußeres
Siegel
Edeltrud DESMOND
28753/17
Prot.Nr.

Verwaltungsabgabe € 3,20 entrichtet
Beglaubigungsgebühr € 14,30 entrichtet

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Step 5: Challenges

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Step 5: Challenges


Revolution

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Q&A