



LSP.1/202

EMRO/01/01/08/IRQ

2 January 2008

INVITATION TO BID

1. The World Health Organization Regional Office for the Eastern Mediterranean (EMRO) on behalf of the Ministry of Health Iraq seeks sealed bids for the medical supplies and equipment listed in Annex A. The notes and instructions to bidders are indicated on Annex B and WHO general conditions of contract (Annex C).
2. Bids should be received in sealed envelope before **15:00 of Wednesday 30 January 2008**, marked with the following: **(Faxed and/or e-mailed bid will not be accepted)**

**World Health Organization
Regional Office of the Eastern Mediterranean
Abdul Razzak Al Sanhoury Street
P.O.Box 7608
Nasr City
Cairo 11371
EGYPT
Attention: Isam Asadi
Invitation to bid no. EMRO/01/01/08 IRQ**

3. **Submission of Offers:**
Offers must be made in accordance with the instructions contained in this invitation. Any purchase order resulting from this invitation shall contain **WHO General Terms and Conditions** (Annex C) and any other special specific terms or conditions detailed in this invitation and in Annex B.
4. Public bid opening will take place at World Health Organization Regional Office for the Eastern Mediterranean (EMRO) at 10:00 hrs Thursday 31 January 2008.
5. An electronic copy of the submitted bid to be e-mailed one day **AFTER 31 January 2008** to:
lsp@emro.who.int.
6. For further information and/or additional clarifications please e-mail queries to:
lsp@emro.who.int
7. Please acknowledge receipt of this invitation to bid to our direct fax number: 002 02 227 65 419 or e-mail lsp@emro.who.int

S/N	Item Description	QTY Baghdad	QTY Erbill	Total QTY	Unit
1	<p>Vertical Autoclave, free-standing for general laboratory use with, with following specifications Similar to Getinge VS 130: Temperature range: 105 - 135 Deg Centigrade.</p> <ul style="list-style-type: none"> • Chamber capacity: 133 L • A Working pressure of approximately 3 bar, • An electrical heating power of approximately 6kW • Fully automatic and microprocessor controlled • Hinged manually opened/closed safe doors, • Chamber pressure Monitor • Stainless steel Construct; High resistance Housing, and Aluminum covered insulation. • Power supply: 230V 1-phase 50Hz/60Hz 	2	1	3	each
1.1	Baskets with foldaway handles	2	1	3	set
1.2	Spare heater element	2	1	3	each
1.3	Spare Gasket door	4	2	6	each
2	<p>Ventilator, adult for intensive care similar to model Taema Horus, with following specifications:</p> <ul style="list-style-type: none"> • Driving gas: Air or Oxygen, supply range covering from 2.8 to 6 bar. • Supported Modes of Ventilation: CMV-ACMV, SIMV, PCMV-APCMV, PEEP, PS-PEEP, MRV, APRV • Ability to provide inverse inspiratory/expiratory (I:E) ratio, positive end expiratory pressure (PEEP), and continuous positive airway pressure (CPAP). • Include controls for tidal volume, rate, fractional concentration of inspired oxygen (FIO₂), PEEP/CPAP, inspiratory flow or I:E ratio, pressure support, sensitivity, and pressure limit. • Ventilation parameters: Respiratory rate 4-80 cycles/min, Tidal volume Vt 20 - 2000ml, I/E ratio 20% - 80%, PEEP: from 0 to 25 hPA, and Pressure support (PS-PEEP) 0 - 35 hPA. • Functions: Plateau 0 - 60 % of TI. Sigh respiratory rate : From (0-9) / (10 - 200) cycles. Inspiratory pause : 5 s max. Expiratory pause : 12 s max. Manual Low inflation flow (8L/min). • Monitoring : <ul style="list-style-type: none"> ○ Simultaneous real time display of pressure and flow against time Loops (Pressure/volume, Pressure/Flow, Volume/Flow). ○ Capable of monitoring FiO₂, Respiratory rate, Expired minute volume, Inspired Vt, Average pressure, Maximum inspiratory pressure, Ti/Ttot, Static compliance, Static resistance, Auto - PEEP, Plateau pressure, Proximal pressure measurement, Proximal flow measurement. ○ Trends: 68 hours for the following parameters : Vt, Primax, PEEP, Pmean, f, Ti/Ttot, Auto PEEP, Pplat, Cstat, Rstat • Audible and Visual alarm systems. • At least 10" colour screen displaying curves, loops, trends, numeric data • An Oxygen Analyzer to monitor delivered oxygen or oxygen/air mixture should be included within the ventilator. The analyzer shall include an alarm system for concentrations outside the acceptable ranges. 	12	6	18	each

S/N	Item Description	QTY Baghdad	QTY Erbill	Total QTY	Unit
2.1	Recommended disposables/accessories: Adult autoclavable patient circuit Mask Oxygen supply hose 3 meter Air supply hose, 3 meter Oxygen filter Airfilter Accessories kit for Humidifier	12	6	18	Set
2.2	Mobile trolley	12	6	18	Each
2.3	Heated humidifier similar to Fisher & Paykel	12	6	18	Each
2.4	Air compressor simialr to Aridyne 3600 with DISS outlets , hoses and compressor filter kit	12	6	18	Each
2.5	Installation and training by local representative	12	6	18	Each
3	Ventilator, neonatal with the following specifications: <ul style="list-style-type: none"> • AC/Battery-powered • At minimum, the neonatal ventilator system shall consist of a breathing circuit, control mechanisms, monitors and their associated alarms, and a gas source. • Inspiratory times > 0.1 second and < than 3 seconds. • Controls for expiratory times. • Ventilation frequency (measured in breaths per minute) > 1 breath per minute and < 150 breaths per minute. • Controls for inspiratory flow measured in L/min, inspiratory pressure measured in cm H₂O, and CPAP/PEEP measured in cm H₂O. • Capability to monitor the following parameters: Peak inspiratory pressure (PIP), Mean airway pressure (MAP), Continuous positive airway pressure/positive end-expiratory pressure (CPAP/PEEP), Ventilation frequency, Inspiratory/Expiratory times and volumes, and Normal or Reverse Inspiratory to expiratory time ratio (I:E ratio). • Visual and/or audible alarms. 	2	1	3	Unit
3.1	Recommended disposables/accessories: Neonatal autoclavable patient circuit Oxygen supply hose, 3 meter Mask Air supply hose, 3 meter Oxygen filter Airfilter Accessories kit for Humidifier	2	1	3	Set
3.2	Mobile trolley	2	1	3	Each
3.3	Heated humidifier	2	1	3	Each
3.4	Air compressor with hoses and compressor filter kit	2	1	3	Each
3.5	Installation and training by local representative	2	1	3	Each
4	Portable transportable Adult Ventilator with the following specifications: <ul style="list-style-type: none"> • Digital with simple panel function and easy set up. • Mode of operation: Control, assist control, and SIMV • Tidal volume: 100 to 2200 cc • Rate: 2 to 40 BPM • Peak flow: 20-120 LPM • Assist sensitivity: -9 to +19 cmH₂O • High pressure alarm: 0 to 80 cmH₂O • Low pressure alarm: 3 to 70 cmH₂O • Audible/Visual alarms • Internal power supply / battery pack. 	2	1	3	Unit

S/N	Item Description	QTY Baghdad	QTY Erbill	Total QTY	Unit
4.1	Airway circuit kit with tubing and adult masks Adult circuits	2	1	3	Set
4.2	Heated humidifier Similar to model Fisher & Paykel	2	1	3	Each
4.3	Table mount humidifier bracket	2	1	3	Each
4.4	Installation and training by local representative	2	1	3	Each
5	Defibrillator, 12 lead defibrillator , with the following specifications: <ul style="list-style-type: none"> • Energy settings up to 360J. • Large display showing parameter and alarms • Built-in pediatric paddles under slide-off adult paddles. • Paddles control: charge or shock. • Heart rate display and alarm • Operation: 220V, 50 HZ line power and/or battery power. • Battery: <ul style="list-style-type: none"> ○ Rechargeable, sealed lead-acid battery ○ Charge method: In-unit charger ○ 35 – 50 discharges on each battery recharge or 2 hrs monitoring 	2	1	3	Each
5.1	Replacement batteries	2	1	3	Each
5.2	Replacement adult paddles, set of 2	2	1	3	set
6	Suction pump on castors with flow max 90Ltr/min, 2x2 Ltr jars, made of autoclavable Makrolon. With vacuum gauge. Vacuum 950 mbar. Piston-type pump Lubrication and maintenance free. Each jar with double security valve.	6	3	9	Each
6.1	Supplier to provide essential consumables for above suction pump such as but not limited to : <ul style="list-style-type: none"> * Bacterial filters, pack of 4 * Bubble tubing 	12	6	18	Set
7	Monitor, Vital Signs - portable, similar to model Light by Datex. with the following specifications: <ul style="list-style-type: none"> • Operates on mains supply and/or batteries. • Battery module includes two removable, rechargeable batteries. Each battery provides at least 1 hour of operation • Monitor shall be capable of measuring and displaying waveforms for ECG, Respiratory rate, Non-Invasive Blood pressure (systolic, diastolic, and mean), Body temperature, Arterial hemoglobin oxygen saturation (SpO2). • 3-channel thermal array recorder, for recording real time waveforms as well as trends. • Waveforms shall be displayed at a selectable sweep speed of 25 or 50 mm/sec for a display of at least 8 seconds of each waveform. • The unit shall be supplied with <ul style="list-style-type: none"> ○ 3-lead and 5-lead ECG patient cables ○ ECG electrodes, solid gel, pack of 50 pcs ○ SpO2 Finger sensor, reusable ○ Skin temperature probe, adult & paediatric ○ NIBP cuff, adult, plastic connectors, 12cm ○ Thermal recorder paper, 50mm • Each monitor shall be supplied with a monitor bracket and necessary hardware for mounting on a headwall unit or trolley and a patient cable and lead set. • Visual and audible alarms 	12	6	18	Each
7.1	Replacement batteries	12	6	18	Each
7.2	Spare 3-lead ECG Patient cable	12	6	18	Each
7.3	Spare 5-lead ECG Patient cable	12	6	18	Each
7.4	ECG Electrodes, solid gel, pack of 50 pcs	24	12	36	Pack
7.5	Spare SpO2 Finger sensor, reusable	12	6	18	Each

S/N	Item Description	QTY Baghdad	QTY Erbill	Total QTY	Unit
7.6	Spare SpO2 Finger sensor, set of adult and child - disposable	12	6	18	Set
7.7	Spare Skin temperature probe	12	6	18	Each
7.8	Recording paper, 50mm	40	20	60	pack
8	Laryngoscope set with 4 blades, size no. 1, 2, 3, & 5 McIntosh set complete with large battery handle and 2x1.5 Volt batteries, supplied in a case	6	3	9	Set
8.1	Spare bulbs, set of 6	6	3	9	Set
9	Mobile radiographic unit similar to MOBIL X H.F. 15kW from IMS, Italy with the following specifications: <ul style="list-style-type: none"> • A line-powered transformer for 2 types of power sources. • X-ray generator: High frequency monobloc generator, Power rating 15kW, and Frequency 40kHz • X-ray Tube: with rotating anode, Heat Capacity 107,000 HU, Max voltage 125kV, and Max current 200mAs. • Control Panel and Modalities: Controlled by a micro-processor with LCD display, 2-point technique (kV and mAs) or 3-point technique (kV, mA, time), and 24 programmed anatomical parts • Safety features: <ul style="list-style-type: none"> ○ Protection and automatic control of filament current ○ Protection from over current and over voltage ○ Protection from maximum load of X-ray tube ○ Operator error or malfunctioning indication • Standard voltage 230V • Cord length 3 - 4 meter for hand-held control. • Wheeled Cart: Swiveling front wheels in anti-static rubber, Dead-man brake system, and Container of 4-6 X-ray cassette 35x43cm 	2	1	3	Unit
9.1	X-ray protection Aprons, standard Lead Vinyl Type, medium size - gray colour	2	1	3	Each
9.2	X-ray protection Aprons, standard Lead Vinyl Type, Large size - gray colour	2	1	3	Each
9.3	X-ray cassette with aluminium cover size 18x24cm	2	1	3	Each
9.4	X-ray cassette with aluminium cover size 24x30cm	2	1	3	Each
9.5	High speed intensifying screens size 18x24cm	2	1	3	Each
9.6	High speed intensifying screens size 24x30cm	2	1	3	Each
9.7	X-ray film viewer, with Long life lamp tube and less power consumption.	2	1	3	Each
9.8	Installation and training by local representative	2	1	3	Each
10	Centrifuge , bench top similar to model Universal 320 from Hettich with following specifications: <ul style="list-style-type: none"> • Accommodates various tube systems from 0.2ml to 100ml. • Microprocessor-controlled, • Speed digital control, with LED display of speed and time • Speed range max. 15,000rpm, and max. RCF 21,300. • Brushless motor, • 10 memory programmes, • run up/run down timer. • 10 acceleration / deceleration rates, • easy-lean S/S centrifuge chamber, • lid locking and holding with emergency lid-lock release, • imbalance switch-off, • motor overheating protection, • lid with see-through for speed control during centrifugation. 	2	1	3	Each
10.1	Swing out rotor 4-place, 3800 rpm	2	1	3	Each
10.2	Angle Rotor 15,000rpm 12 x 1.5ml-2.2ml with lid	2	1	3	Each

S/N	Item Description	QTY Baghdad	QTY Erbill	Total QTY	Unit
10.3	Grooved Bucket 50ml, inox steel, for tubes 34 x 100mm	8	4	12	Each
10.4	Metal reinforced plastic grooved suspension 17 x 5ml for tubes 13 x 75mm	8	4	12	Each
10.5	Grooved suspension 7 x 15ml	8	4	12	Each
10.6	Light metal groove suspension fitting into 1323, 2 x 20ml for tubes 21 x 100mm	8	4	12	Each
10.7	Plastic groove suspension fitting into 1323, 5 x 9ml for tubes 14 x 100mm	8	4	12	Each
10.8	Service and Technical manual	8	4	3	Each

Annex B

NOTES AND INSTRUCTIONS TO BIDDERS

1. Offers should be EXW - INCOTERMS 2000 inclusive packing.
2. The items and quantities mentioned in Annex A are intended for two final destinations in Iraq (Baghdad & Erbill), therefore in case of award, two purchase orders will be issued one to cover each final destination, as such quantities pertaining to each final destination will have to be packed separately.
3. Complete specifications, conditions, must be provided. Offered specifications should be inline or higher than the minimum requirements indicated in the attached Annex A.
4. The indicated supplier and or manufacturer names are for ease of reference only and the suppliers are encouraged to submit their own products.
5. All offered items must be CE compliant.
6. For the items that need training and installation, bidder must indicate the cost as a separate line item.
7. Wherever items offered are not exactly in accordance with the specifications set out or wherever alternatives are offered, it is the bidder's responsibility to furnish with their tender full descriptive specifications and illustrations of such items. Erasures or other changes in the bids must be explained or noted over the signature of the bidder.
8. Offers should be tax free and exempted from all duties.
9. Delivery lead time (in days/weeks). **Please state the earliest delivery date.** Preference would be for the earliest possible delivery.
10. Bidder must state clearly the warranty period and the items covered under the warranty.
11. Quotation must be valid for at least 90 days.
12. Manufacturer name and country of origin should be indicated for each quoted item.
13. Items produced in countries other than that of bidder must be indicated stating the country of origin.
14. WHO payment terms are within 30 days net from shipment and receipt of the shipping documents. For items that require installation and/or training 20% of the total contract value of that particular item(s) will be kept and settled after completion of all of these activities.
15. Bidders must meet essential requirements for quality systems. Each item must meet international standards and quality assurance criteria.
16. Preference would be for bidders who have representative in Iraq and/or in neighboring countries to take care of training, installation and after sale services.
17. Please indicate the name and contact address of the local agent who will take care of installation (where requested) and the after sales services.

Annex B

18. Upon delivery, the offered product(s) should have not less than 75% of the stated shelf life(if applicable)
19. Bidders are expected to examine specifications, circulars, schedules and all other instructions pertaining to the work. Failure to do so will be at the bidder's own risk, and he cannot secure relief on the plea of error in the bid.
20. WHO reserves the right to make multiple arrangements for any item or items, where, in the opinion of WHO, the lowest acceptable offer cannot fully meet the requirements, or if it is deemed to be in WHO's interest to do so. Any arrangement under this condition will be made on the basis of quoted prices in second lowest and third lowest acceptable offer which is fully responsive and meeting all requirements. WHO also reserves the right to accept only part of the items and/or quantities quoted for. If a bid is conditional to this effect, it should be clearly mentioned in bid submission as "ALL or NONE".
21. WHO reserves the right to accept or reject any or all bids or to annul the bidding process and reject all bids without explanation to the bidders and shall not be liable for any obligations or indemnities to bidders whatsoever. WHO also has the right, if in the interest of the project to negotiate with one or more of the bidders.
22. WHO reserves the right to have the items inspected and rejected if necessary, prior to shipment if an award is issued.
23. WHO reserves the right that, in case of failure by the vendor to perform under the terms and conditions of the purchase order, including but not limited to obtain the necessary licenses or to make deliveries of all or part of the awarded goods by the agreed delivery date or dates, WHO may, after giving the vendor reasonable notice to perform and without prejudice to any other rights or remedies, exercise one or all of the following rights:
 - a- Procure all or part of the goods from other sources, in which event WHO may hold the vendor responsible for any excess cost occasioned thereby.
 - b- Refuse to accept delivery of all or part of goods.
 - c- Terminate the purchase order.
24. Delay in delivery: in case of delayed delivery beyond the mutually agreed upon date, a penalty of 0.5% on the total value of the contract for each day of delay will be applied.
25. Arbitration clause:

Any dispute related to the interpretation or applications of this contract shall, unless amicably settled, be subject to conciliation. \in the event of failure of the latter, the dispute shall be settled by arbitration. Arbitration should be conducted in accordance with the modalities to be agreed between the Parties or, in the absence of agreement, with the UN Commission on International Trade Law (UNCITRAL) Arbitration Rules in effect on the date of this Agreement. The Parties shall accept the arbitral award as final

**INCASE OF AWARD, THE ABOVE MENTIONED NOTES AND INSTRUCTIONS
WILL BE INTEGRAL PART OF THE CONTRACT**

**DEVIATION OF THE ABOVE ARE NOT ACCEPTABLE WITHOUT PRIOR
APPROVAL IN WRITING FROM THE EASTERN MEDITERRANEAN REGIONAL OFFICE
(EMRO) OF THE WORLD HEALTH ORGANIZATION**

GENERAL CONDITIONS

A- TAX EXEMPTION:

The price shall reflect any tax exemption to which the World Health Organization is entitled by reason of the immunity it enjoys.

B INSPECTION:

The World Health Organization reserves the right to inspect the supplies called for under this contract at any time and the firm will afford every facility for such inspection.

C PACKING:

The firm will pack the goods with the best materials and with every care in accordance with the normal commercial standards of export packing for this type of merchandise. Such packing materials used must be adequate to safeguard the goods while in transit.

The firm will be responsible for any damage or loss which can be shown to have resulted from faulty or inadequate packing.

D EXPORT LICENCE:

The contract is subject to the obtaining of any export licence or other governmental authorization which may be necessary. It will be the responsibility of the firm to obtain such licence or authorization, but the World Health Organization will do everything in its power to assist. In the event of refusal thereof, the contract will be annulled and all claims between the parties automatically waived. For export licence application and Exchange Control purposes, the source of funds or type of account from which payment for this order will be made is named overleaf.

E FORCE MAJEURE:

Neither party to the contract shall be held responsible for delay in the fulfilment thereof due to force majeure, strikes, lock-out, war, civil unrest, or other factors outside its control.

F DEFAULT:

In the case of default of the contract, including but not limited to failure or refusal to make deliveries within the time specified, the World Health Organization may by written notice terminate the right of the contractor to proceed with deliveries of such part or parts thereof as to which there has been default.

G ARBITRATION CLAUSE:

Any claim or dispute arising out of the present contract, or breach of the said contract, and which cannot be settled amicably, shall be settled by arbitration, the methods of such arbitration to be agreed between the parties. The parties recognize that they are to be definitely bound by such arbitral decision putting an end to any claim or dispute.

H EXECUTION OF THE CONTRACT IN CASE OF DISPUTE:

The supplier shall in no case invoke a dispute or arbitration proceedings as a pretext for suspending or failing in any way whatsoever to fulfil his obligations

The vendor shall not advertise the fact that such vendor is a supplier to the World Health Organization. Also, the vendor shall in no other manner whatsoever use the name, emblem, or official seal of the World Health Organization or any abbreviation of the name of the World Health Organization in connexion with his business or otherwise

CONDITIONS GÉNÉRALES

A EXONÉRATION DE TAXES:

Le prix doit comporter toutes les exonérations de taxes auxquelles l'Organisation mondiale de la Santé à droit du fait des immunités dont elle bénéficie.

B CONTRÔLE:

L'Organisation mondiale de la Santé se réserve le droit de contrôler, en tout temps, les fournitures commandées en vertu du présent contrat et le fournisseur lui accorde toutes facilités pour ce contrôle

C EMBALLAGE:

Le fournisseur emballe les marchandises dans des emballages de la meilleure qualité et apporte tous ses soins à cette opération en se conformant aux règles commerciales normalement appliquées pour l'emballage des marchandises à exporter. L'emballage utilisé doit pouvoir préserver les marchandises pendant la durée de leur transport. Le fournisseur est responsable de tout dommage ou perte imputables à un défaut d'emballage ou à un emballage insuffisant.

D LICENCE D'EXPORTATION:

La validité du contrat dépend de l'obtention de toute licence d'exportation ou de toute autre autorisation gouvernementale requise. Il appartient au fournisseur d'obtenir ladite licence ou autorisation, mais l'Organisation mondiale de la Santé prête tout son concours à cet effet. En cas de refus de licence ou d'autorisation, le contrat est annulé et les parties renoncent automatiquement à toute réclamation. Pour permettre l'obtention d'une licence d'exportation et les démarches auprès du contrôle des changes. L'origine des fonds ou les modalités des règlements qui seront utilisés pour le paiement de cette commande sont indiqués au recto.

E CAS DE FORCE MAJEURE:

Aucune partie du contrat n'est responsable d'un retard apporté à son exécution par force majeure: grève, lock-out, guerre étrangère ou civile ou par tout événement qui échappe à son contrôle.

F DEFAULT:

En cas de défaut d'un fournisseur pouvant comprendre une non-livraison ou un refus de livraison des marchandises dans le délai prescrit - l'Organisation mondiale de la Santé peut, par notification écrite, annuler la totalité de la commande ou de cette partie de la commande en défaut.

G CLAUSE D'ARBITRATION:

Toute réclamation ou litige auquel peut donner lieu le présent contrat ou sa rupture et qui ne peut être résolu à l'amiable est réglé par un arbitrage, dont les modalités seront convenues entre les parties. Les parties reconnaissent qu'elles sont définitivement liées par la sentence arbitrale mettant fin à toute réclamation ou litige.

H EXECUTION DU CONTRAT EN CAS DE LITIGE:

Le fournisseur ne peut en aucun cas prendre prétexte d'un litige ou d'une procédure d'arbitrage pour suspendre ou déroger en quoi que ce soit à ses engagements.

Le fournisseur ne doit pas invoquer sa qualité de fournisseur de l'Organisation mondiale de la Santé pour faire la publicité. Le fournisseur ne doit en aucun cas faire usage, dans son entreprise ou ailleurs, du nom, de l'emblème ou du sceau officiel de l'Organisation mondiale de la Santé ou de l'abréviation de cette dénomination.