

MISSAN OIL COMPANY

REQUISITIONS LIST

CLOSING DATE 23/03/4014

ALL PARTICIPANTS IN ENQUIRIES THAT WILL BE RE- ANNOUNCED SHOULD FOLLOW -UP OUR REQUISITIONS LISTS AND CLOSING DATE ON OUR WEB SITE INSTEAD OF NOTIFICATION BY FAX OR E-MAIL AND SUBMIT EITHER RENEWED OFFERS OR LETTERS BY WHICH EXTENDING THE VALIDITY OF THEIR PAYMENT FOR PARTICIPATION SHOULD BE DONE ONE DAY BEFORE CLOSING DATE . SINCE CLOSING DATE IS DEDICATED FOR RECEIVING OFFER (S) ONLY FOR TECHNICAL SPECIFICATION PLEASE VISIT OUR WEB SITE (www.moc.oil.gov.iq) OTHERWISE, FEEL FREE TO CONTACT US AT (moc_cd@moc.oil.gov.iq)

ANN-NO. -2-

SER	ENQ.REF.	SPEC	NO. OF ITEMS	NOTE	MATERIAL NATURE	PAYMENT IN USD	BUDGET
1	PRJ.14.4165	Feasibility & feed study for MOC scada system				1000 \$	Investment
2	11.14.4166	Tools and Devices Laboratory Geological	15			100 \$	Investment
3	PRJ.14.4167	Microwave network project				1000 \$	Investment

ITEM	DESCRIPTIONS	UNIT	QUANTITY
Tools and Devices Laboratory Geological			
1	<u>Polarization Microscope For Rock Thin Section with Digital camera</u> *Eye piece : photo eyepiece 10x /20M 10x /20M 10x /22M 10x /25M Objective piece (with spring loaded) : 4; 10; 25; 40 ; 60 ; 100 *power supply220 VAC , 50/60 Hz *Recommended Two years spare parts : - Hydrogen light number:10 -cover against dust number:4 -Fuse number:10 and all necessary tools and accessories for operation	package	2
2	<u>TEST SIEVES</u> 8" Diameter ,stainless Frame,Stainless Cloth 8in certified SS 25 Mesh (710 mm) 8in certified SS 35 Mesh (500 mm) 8in certified SS 40Mesh (425 mm) 8in certified SS 45 Mesh (355 mm) 8in certified SS 50Mesh (300 mm) 8in certified SS 60 Mesh (250mm) 8in certified SS 70 Mesh (212 mm) 8in certified SS 80 Mesh (180 mm) 8in certified SS 100Mesh (150 mm) 8in certified SS 120 Mesh (125 mm) 8in certified SS 140 Mesh (106 mm) 8in certified SS 170 Mesh (90mm) 8in certified SS 200Mesh (75 mm) 8in certified SS 230 Mesh (63 mm) 8in certified SS Lid. 8in certified SS Receiver	set	1
3	<u>Sieve Shakers</u> (8" Test Sieves) unit requires minimal space on a laboratory countertop *Controlled Constant Amplitude *Digital Controls *Quick Release Hold Downs *Fine and Coarse Analysis Control settings *See- Through Cover *Quiet Operation *Minimal Maintenance Required *power supply : 220/240V, 50 Hz 300VA	package	1

4	<u>Universal drying / Heating Binder Oven</u> *Capacity : 126 Liters. * Adjustable Temperatures from 5C- 300C . *Safety thermostat. *power :3000 W,220V,50Hz. *Shelf positions : 2 or more . *Air Circulation by turbo fan	package	2
5	<u>Rectangular Hotplate</u> Barnstead/ Thermolyne Remote- Control Hotplates . Extra –Large Model ,220-240V 50/60Hz,Heated by an inconel sheathed heating element, Temperature control in by an energy regulator to maximum of 350C.,Stainless steel case, with "mains on " Top plate .	package	2
6	<u>Stirrers</u> Direct –Drive Stirrer for economicsl mixing at speeds up to 1550rpm ,With accessories Clamp and stand. 220-240V 50/60Hz,0.5A, Comes with 8"long (20cm) stainless steel impeller with shift diameter of 1/4"(6.4mm)and propeller diameter of 13/4"(4.4cm);and iron clamp of mounting,.	package	2
7	<u>Laboratory Balances</u> Electronic Top loading Balances ,Automatic Calibration . Weighting range 0 to 110 g/ 0 to 31 g ,Readability 0.1 g ,Taring Range 0 to 6000g, 220-240V 50/60Hz.	package	2
8	<u>Professional Stereo Microscope with Digital camera</u> For Rock Then Section and Solid (Reflected &Refracted) Leight. Specification: *head :Binocular * Eye Piece: 10 X / 20mm 15 X / 18mm 20 X / 13mm 10 X / 21mm *Objective piece : 6X ; 12X ; 25X; 50X. *power supply220/240 VAC , 50/60 Hz *Recommended Tow years spare parts : - Hylogen leight number:10 -cover agnist dust number:4 -Fuse number:10 and all nessecery tools and accessories for operation .	package	2
9	<u>Soxhlet Extractor Cleaning Units</u> Electro thermal Individually Controlled Soxhlet Apparatus Heater . Individual heating of three samples, Heating to 450 C(842 F)Flask capacity Bottom type 500mL , 3000mL,Wattage 900W ,220-240V 50/60Hz,for low – and high –Temperature applications, Replaceable disposable heating element.	package	1
10	<u>Soxhlet Extract tube ,Complete unit</u> Pyrex Brand Soxhlet Apparatus with friedrichs condenser, Joint Top of Tube,Flask capacity 500mL(No.6)&3000 ml(No.6).	package	1

11	<u>Laboratory Water Distiller, Glass –distilled Water</u> Automatic water stills for Continuous production of hydrogen free water, Automatic Cutout if water supply fails, still capacity (4litres/hour)..	package	2
12	<u>Geoform thin section cutting and Grinding Machine</u> Supplied without Diamond Cut off wheel or Grinding wheel . Precision thin section cutting and Grinding Machine ,for fast and precise material removal of petrographic thin section , vacuum chuck to hold avariety of slide dimensions, vacuum pump with gauge and filter, separate cutting and grinding compartments, corrosion free aluminium cast base, digital micrometer for precise grinding off material from the sample on the slide,for diamond cutting wheels up to 200mm dia., Electrical System 240V – 1 phase -50 Hz, AC	package	1
13	Diamond cup grinding wheel,56 micron.	package	2
14	Diamond cup grinding wheel,35 micron	package	2
15	<u>Microscope polarisant Zeiss Jena Jenalab pol</u> binocular tube, lens Bertrand , Analyser,polarizer,Eyepieces :HWF 10x/18 SMPOL 4x, lenses 10x, lenses 40x. Digital camera Color camera 1-CCD USB – 1/2" CCD progressive scan Serial 38900174 Computer English windows seven ,3.16Ghz ,4G SDRAM, 500 GB, 16x DVD + /-RW drive Monitor Dell 19" ultrasharp with printer color C86 . Package softwares The software should be latest version,2years maintenance included with price and should be original. Videomet – Ellix – Archimed – Grainx – Areas – Filtrex – Grainsizer For Image analyzing program . Micrometer 10 mm step 0,1 mm with certificate	package	1
	<u>TERMS AND CONDITION</u> 1- Country of origin should be (GERMANY, UK , FRANCE) . 2- The supplier should present certificates of origin for requested materials and must be legalized stamped by Iraqi attaché in country of origin . 3- Validity of technical and commercial offer should be not less than 3 Months. 4 -The supplier should submit third party inspection for all materials, Accepted companies (inspectorate international LTD., moody international ltd. control union international, Bureau Veritas). Certificate include FAT . 5- supplier warrants the materials are new, unused and free from defects arising from faulty design for (12) months from the date of receiving and accepting material by MISSAN OIL COMPANY. 6- The delivery point should be CIP MISSAN . 7 - All costs of third party inspection, shipping and insurance should be (free of charge) . 8- The supplier should submit with technical offer Colored catalogues for requested materials . 9- TRAINING :- (practical and theoretical on tools for same devices) should be (free of charge) four weeks for three persons at the manufacturer country including all costs (transportation,tickets,hotel reservation, meals, and all other costs).		