



CENTRAL INSTITUTE OF MINING & FUEL RESEARCH
(CSIR, Ministry of Science & Technology, Govt. of India)
H.Q.:Barwa Road Campus, Dhanbad – 826 001 (Jharkhand), India

No.CIMFR/PUR/14(6)2007

Date:21.01.2008

NOTICE INVITING TENDER (GLOBAL)

Director, CIMFR invites sealed tenders (In two Bid System) for supply, installation and & commissioning of the following stores.

Item No.	Particulars of Item	Qty.
1.	Fully Automated Inductive Coupled Plasma Mass Spectrometer (ICP-MS)	01 No.
2.	Fully Automated Microprocessor Controlled Integrated GC-MS-MS (Gas Chromatograph – Mass Spectrometer)	01 No.
3.	UV Vis Spectrophotometer with accessories	01 set
4.	Fluorescence Spectrophotometer	01 set
5.	Portable Methanometers	02 Nos.
6.	Ion Chromatograph	01 No.
7.	Supply & installation of complete unit of Lightning Protection Solid State Modular required for our existing EPABX System.	01 set

Last Date of Submission : 03.03.2008 Time: Up to 4.00 P.M.

Last Date of Opening : 04.03.2008 Time: 10.00 AM onwards

Details of the Tender Document is available at www.cmriindia.nic.in

☎ : 0326- 2388306/2388319

☎ : 0326- 2203156/2381210

Stores & Purchase Officer



CENTRAL INSTITUTE OF MINING & FUEL RESEARCH

(CSIR, Ministry of Science & Technology, Govt. of India)

H.Q.: Barwa Road Campus, Dhanbad – 826 001 (Jharkhand), India

NIT No. CIMFR/PUR/14(6)2007

Date: 21.01.2008

NOTICE INVITING TENDER

Director, CIMFR invites sealed tenders (In two Bid System) for supply, installation and & commissioning of the following stores.

Item No.	File No.	Particulars of Item	Qty.	T.D. Fee in DD*	EMD in DD/BG/BC
1.	CIMFR/PUR-14(42)2007	Fully Automated Inductive Coupled Plasma Mass Spectrometer (ICP-MS)	01 No.	Rs.300/-	Rs.2,00,000.00
2.	CIMFR/PUR-14(43)2007	Fully Automated Microprocessor Controlled Integrated GC-MS-MS (Gas Chromatograph – Mass Spectrometer)	01 No.	Rs.300/-	Rs.50,000.00
3.	13(1)/CIMFR/126/07-08	UV Vis Spectrophotometer with accessories	01 set	Rs.300/-	Rs.15,000.00
4.	13(1)/CIMFR/127/07-08	Fluorescence Spectrophotometer	01 set	Rs.300/-	Rs.32,000.00
5.	CIMFR/PUR-14(28)2007	Portable Methanometers	02 Nos.	Rs.300/-	Rs.12,000.00
6.	CIMFR/PUR-14(44)2007	Ion Chromatograph	01 No.	Rs.300/-	Rs.14,000.00
7.	CMRI/PUR-14(12)2006	Supply & installation of complete unit of Lightning Protection Solid State Modular required for our existing EPABX System.	01 set	Rs.300/-	Rs.12,500.00

* No tender fees are required in case it is downloaded from the site www.cmriindia.nic.in.

Note: The Tender Document can be obtained from the Office of the Stores & Purchase Officer, CIMFR, Barwa Road, Dhanbad on written request on payment of the non- refundable and non – transferable tender document fees as stated above in the form of cross Demand Draft issued by a scheduled bank drawn in favour Director, CIMFR, payable at State Bank of India, Hiraipur Branch, Dhanbad from **21.01.2008** to **03.03.2008**. CIMFR will not be responsible for non- receipt of the Tender Documents due to postal delay/loss in transit. The tender complete in all respect along with EMD should reach to this office on or before **03.03.2008** before **4.00 PM** and will be opened on **04.03.2008** at **10.00 AM** onwards in the Meeting Room of CIMFR.

Tender Documents with detail terms & conditions can be downloaded from our website: www.cmriindia.nic.in Tender fees will not be required if it is downloaded from the website up to the tender sale period. The required EMD as stated above in the form of DD or BG must be enclosed in the Technical Bid failing which the offer will be treated as non-responsive.

Director, CIMFR reserve the right to accept or reject in part or in full to any or all the tender without assigning any reason thereof.

☎ : 0326- 2388306/2388319

☎ : 0326- 2203156/2381210

Stores & Purchase Officer

DETAILED TECHNICAL SPECIFICATIONS

→
Sl. No.01

Sl No.	File No.CIMFR/PUR-14(42)2007		Qty.
1.	Description of Item		1 No.
	INDUCTIVE COUPLED PLASMA MASS SPECTROMETER (ICP-MS)		
	Fully computer controlled inductively coupled Plasma Mass Spectrometer (ICP-MS) for quantitative and semi-quantitative determination of elements including specialized groups such as REE and PGE at trace and ultra trace (ppb & ppt) levels and isotope ratios in diverse kind of geological, environmental and biological samples like rock, soil, sediment, water and food materials. The system should have following features:		
	System	Fully automated and computer controlled, compact, floor-mounted / bench mounted Inductive Coupled Plasma Mass Spectrometer (ICP-MS)	
	Sample Introduction System	Standard glass spray chamber – nebulizer sample introduction system with computer controlled peristaltic pump. Optional HF – resistant spray chamber – nebulizer. The entire pump-spray chamber-nebulizer assembly must have an arrangement to allow ease and quick changeover to other optional sample delivery devices like Laser ablation, other types of nebulizers, automatic vapor generation accessories organics accessories, auto sampler and peltier cooled chamber.	
	Plasma ion source	Computer controlled 27.12/40.0 MHz solid-state RF generator, adjustable 750 to 1500 watts with built-in safety interlocks to prevent undue accidents in case of malfunction of RF generator, gas leaks, vacuum leaks etc. System warning, torch ignition and positioning, auto-tune of all instrumental parameters and shut down should be under computer control. Efficiency of energy transfer from the generator to the plasma must be high enough to allow stable plasma to be maintained when switching between aqueous and organic solvents.	
	Plasma Interface	Ni sampler and skimmer cone as standard and there should be option for Pt tipped sampler and skimmer cone for corrosive and HF sample solution. The plasma interface must be water cooled for signal stability. The sampler should have design to eliminate uncontrolled arcing to minimize cone clogging and guaranteed signal precision and long term stability.	
	Ion Focusing System	The ion focusing system is to be fully computer controlled for optimization of voltages via system software. The lens system shall be a user serviceable and replaceable item. The system should have arrangement for preventing any contamination of the focusing system and maintaining the mean background count rate of the system <1 cps.	
Quadrupole Mass Analyser	<ul style="list-style-type: none"> A high performance quadrupole mass analyzer shall be provided and aligned to the ICP torch and ion lense for minimum instrumental background. The quadrupole resolution should be computer controlled enabling user selectable . The mass range of the analyzer shall be 5 amu to 250 amu or more with a mass resolution of at least 0.8 amu, mass calibration stability of 0.05 amu across the mass range. The quadrupole scan rate should be at least 2000 amu/second. The system should have provided with safety interlock able to shutoff power to the quadrupole under any instrument conditions that could damage to the quadrupole and detector assembly. 		
Vacuum System	Vacuum system supported by turbo molecular pumps to obtain 10^{-7} mbar of high ion transmission with extremely low background.		

	Detector Assembly	The ion detector assembly shall comprise of a solid state discrete dynode electron multiplier and allows element concentration calibration over a full 9 orders magnitude of dynamic range in a single scan using both analog and pulse ion counting mode. The detector is to be protected against damage due to signal overload both in pulse counting and analog modes.	
	Polyatomic Interferences	The system should have facility (Collision Cell Technology/Dynamic Reaction Cell/Collision Reaction Interface) to eliminate polyatomic and molecular isobaric interferences and enhance sensitivity and performance characteristics.	
	System Controller	<p>The system controller should monitor system status, RF power, gas supplies, instrument temperature, electrical systems, vacuum systems components and cooling system. The system must under continuously monitoring and ensure that if failures occur, the system will alert the operator or, if necessary, shut the instrument down safely.</p> <p>Computer system must include latest version branded computer Intel Dual Core, 3.0 GHz, DVD-RW drive, 2 GB DDR, 250GB SATA HD, Optical Scroll Mouse, Multimedia Keyboard, 21" Colour LCD Flat Panel Colour Monitor with integrated Speaker, Windows XP preloaded with Laser Jet Printer (with back to back printing capability).</p> <p>It should be true multitasking with the ability to reprocess data simultaneously with online data acquisition. With full quality assurance and quality control performance function. The software must include the following features and capability:</p> <ul style="list-style-type: none"> • Software operating within a Windows XP/Vista based environment. • Automatic startup and safe system shutdown in case of component failure. • Seamless transfer of data to Microsoft Excel spreadsheet • Control of auto sampler operation • Method control, plasma positioning, gas flow control, ion lens tuning, data acquisition, interference correction, analyte quantification and data reporting. • The ICP-MS data system hardware and operating system must enable the interfacing of the ICP-MS data system to LC/HPLC system/Laser Ablation. 	
	Water Chiller	The system should include circulating water chiller (imported) with cooling capacity to cool required components of the ICP-MS system.	
	Up-gradation	System should be future up-gradable to Laser Ablation system and HPLC.	
	Performance	<p>The system performance specifications listed below are intended to supplement the Vendor's installation tests and are designed to ensure that the system supplied is able to meet the performance level required. These tests must be performed during installation, under a single set of tuning conditions:</p> <ul style="list-style-type: none"> Ø Detection Limits based on three times the standard deviation of the blank and three second integration time using peak hopping at 1 point per mass. $^9\text{Be} < 6$ $^{59}\text{Co} < 1$ $^{115}\text{In} < 0.5$ $^{238}\text{U} < 0.5$ $^{65}\text{Cu} < 5$ $^{208-206}\text{Pb} < 1.0$ $^{80}\text{Se} < 8$ $^{75}\text{As} < 1.0$ Ø Sensitivity as M cps/mg/L $^{24}\text{Mg} < 4$ $^{115}\text{In} > 25$ $^{238}\text{U} > 20$ (Standard / Normal Mode) Ø Oxide and Doubly Charged Species $\text{CeO}^+ / \text{Ce}^+ < 3\%$ $\text{Ba}^{+2} / \text{Ba}^+ < 3\%$ Ø Long-term Stability, <4% RSD over 4 hours Ø Short term Stability, <2% RSD over 20 minutes Ø Isotope Ratio Precision, <0.1% Ø Mass Calibration Stability <0.05 AMU, over 8 hours of continuous operation 	

	Spares	<p>All essential accessories required for installation and running of the equipment for initial three years should be included in the offer with the system. This may include:</p> <ol style="list-style-type: none"> i) Electron Multiplier Detector – Nos. ii) Glass Spray Chamber – 1 No., HF Resistant – 1 No. iii) Standard Meinhard Nebulizers – 6 Nos. iv) Sample uptake tubing – 1 set v) Nebulizer tubing – 1 set vi) Plasma torches – 6 Nos. vii) Ni Sampler and Skimmer cones with ‘O’ rings – 3 sets each viii) Pt Sampler and skimmer cones with ‘O’ rings – 1 set each ix) Pump Oil – 5 liters x) Tool Kit with all standard tools – 1 set xi) Instrument calibration and validation solution – 1 set xii) Essential double stage argon gas regulators – 2 Nos. each <ul style="list-style-type: none"> • Service manuals and diagnostics (both soft and hard copy), Software CD’s etc should be provided. • Standards – Tuning, Detection, Reference, Calibration and Standard solutions (NIST traceable multi element, Minimum 29 elements), and all other required solutions should be provided. • 6 Soil/Rock reference standards should also be included in the offer. • The required essential accessories and consumable for running the system smoothly for next 3 years should also be quoted. <p>At the site of installation, the electrical points, tables and air conditioning will only be provided.</p>	
	UPS	15 KVA UPS with one hour backup at full load from reputed firms (Tata Libert / APC) with maintenance free branded battery to be quoted with system.	
	Warranty	Five years comprehensive warranty should be offered otherwise offer will not be acceptable.	
	Training	Free training for two CIMFR scientists at Principal Application Center for method development and instrument uses for two weeks. On site installation and demonstration for 1 week must be carried out at Institute premises.	
	Power	220-230V, 50 Hz	
	Users List	List of users preferably in the geological field to be given the contact person and address, their application along with the offer.	

Sl No.	File No.CIMFR/PUR-14(43)2007	
1.	Description of Item	Qty.
	<p data-bbox="326 247 1455 310">FULLY AUTOMATED MICROPROCESSOR CONTROLLED INTEGRATED GC-MS-MS (GAS CHROMATOGRAPH – MASS SPECTROMETER)</p> <p data-bbox="326 310 1455 619">GC-MS-MS System with extensive self-diagnostic facility for analysis of pesticides and other organic contaminants in water, solid, food materials etc. The system should have intuitive touch screen graphical user interface for easy control of the system. It should be with Programmable Pnematic Control and monitors for all Carrier, Injector, Split Vent, Detector and Auxiliary gases electronically. Dual Channel, real time signal display on the Touch Screen, Auto Shut down of instrument in case of leaks in carrier gas. Auto adjustment of carrier gas flow to compensate for variations in ambient temperature and pressure. Programmable injector should be available to avoid sample degradation or decomposition. Isolation mode allows septum change without interrupting carrier flow. Should have Flexible configurations with integrated Mass spectrometry and Head Space. The detail specification are as follows:</p> <p data-bbox="326 646 1455 678"><u>SPECIFICATION FOR GAS CHROMATOGRAPH (GC):</u></p> <p data-bbox="326 709 1455 798">Control : Multi-tasking operational system with large LC display, intuitive menu and cursor driven user interface with on-screen help. Sealed modular keypad with soft key function. GC must support simultaneously to two inlets and provisions of two detectors.</p> <p data-bbox="326 800 1455 861">Column Oven: The system should be flexible enough to support complex multi-volved, multi-column, multi-detector configurations with operating range of:</p> <ul style="list-style-type: none"> <li data-bbox="370 877 1455 940">a. Temperature Range : Ambient +4⁰C to 450⁰C with cryogen : -80⁰C to 450⁰C <li data-bbox="370 942 1455 974">b. Number of temperature programmed ramps: 7 ramps with 8 isothermal holds. <li data-bbox="370 976 1455 1008">c. Maximum programmable ramp rate: 100⁰C/min. <li data-bbox="370 1010 1455 1041">d. Cool-down rate : 400⁰C to 50⁰C in <5.0 min. <li data-bbox="370 1043 1455 1075">e. Temperature set-point resolution : 1⁰C <p data-bbox="326 1077 1455 1108">Protection : Overheat protection to be incorporated in the system.</p> <p data-bbox="326 1110 1455 1199">Injectors : Capillary, Split/Split less injector. Automatic Leak check facility and automatic measure and store column parameters Large volume injector facility with minimum of 100µl or more (PTV) system.</p> <p data-bbox="326 1201 1455 1262">Detectors : Suitable for residual analysis of organic pollutants (pesticides and other organic contaminants/pollutants) – ECD (twin mode detector).</p> <p data-bbox="326 1264 1455 1325">Auto Sampler: The auto-sampler for automatic operation with facility of needle washing and all Arrangement and accessories like vials, solvents, wash bottles, caps, septa, waste vials etc.</p> <p data-bbox="326 1352 1455 1383"><u>SPECIFICATIONS FOR MASS SPECTROMETER (MS-MS):</u></p> <p data-bbox="326 1415 1455 1446">Mass Analyser : Quadrupole Mass Analyser / Ion Trap.</p> <p data-bbox="326 1449 1455 1480">Mass Range : >600 amu.</p> <p data-bbox="326 1482 1455 1514">Mass stability : ± 0.1 amu / 48 hours.</p> <p data-bbox="326 1516 1455 1566">Ionization Mode: EI and CI with SIS, EI/MS/MS/CI/MS/MS, for SRM (Signal Reaction Monitoring) for MRM (Multiple Reaction Monitoring) modes, CID (Collision Induced Dissociation).</p> <p data-bbox="326 1568 1455 1600">Ion source temperature: Range up to 350⁰C or above.</p> <p data-bbox="326 1602 1455 1633">Quadrupole temperature : 100-200⁰C</p> <p data-bbox="326 1635 1455 1667">Vacuum Pump : High Efficiency Turbo Molecular Pump.</p> <p data-bbox="326 1669 1455 1701">Scan Rate : >5000 amu/sec.</p> <p data-bbox="326 1703 1455 1734">Scan Mode: Full scan, Segmented scanning, SIM</p> <p data-bbox="326 1736 1455 1768">Linear Dynamic Range: 10⁵ or more</p> <p data-bbox="326 1770 1455 1820">Sensitivity: For EI – 1 pg of OFN injection, SIM mode S/N:50:1, Scan mode S/N 100:1 FOR CI – 5 pg of benzophenon in methanol, 20:1 (S/N)</p> <p data-bbox="326 1822 1455 1894">Chemical ionization include CI reagent (Methane, Isobutene, Ammonia) Change over between EI and CI must be possible during the single run. No hardware changes are allowed during the process.</p>	1 No.

Software for GC-MS-MS

- Workstation software should be multitasking system controlling all GC and MS Modules like SIS, Full Scan, MS/MS, etc. and should be Windows XP/2000.
- Compatible to standard spectral databases like NIST standard & search , Wiley etc.
- Should have real time integration (“On the fly integration”) option with external standard methods.
-

Columns: Suitable columns for analysis of pesticides and other organic contaminants/pollutants in water, soil, food materials etc.

Data Handling System: Latest branded PC (Compaq/HP/Lenovo) (P-IV, 3.2 GHz, 1.0 GB DDR, 80 GB HDD, DVD-RW ROM, Ethernet connection, 19” TFT LCD Colour Monitor, Laser jet back to back printing capability printer along with preloaded MS-XP operating system and latest antivirus software.

Accessories: All essential accessories like manuals (softcopy and hardcopy both), software CD’s, standards and calibration solutions, columns, gases, regulators (double stage), syringe (6 Nos. 1 and 5µl capacity each, Hamilton make), vials etc. for installation and running the system should included in the offer. All the consumable accessories for smooth running of the system for at least three years should be quoted.

Warranty: 2 years comprehensive warranty with three years AMC offer.

Training: Training at CIMFR site for method development and instrument uses for two weeks.

Essential terms and conditions

- 1) The main system along with items mentioned under essential accessories must come in a single package. However price comparison between the various bidders selected after qualifying the technical requirements will be done on their CIF, Kolkata Value.
- 2) Two year warranty for the basic system from the day of installation.
- 3) Time to time onsite troubleshooting as and when required during the warranty period must be provided.
- 4) The supplier must have a working service centre in eastern region preferably at Kolkata.
- 5) Supplier firm being manufacturer firm will be preferred.
- 6) Supplier must provide detailed pre-installation requirement along with quotation.
- 7) Existing customer list with address and contact number must be provided with quotation.
- 8) Quotation from dealers will be rejected.
- 9) Scientific research publications citing the application of the instrument quoted may be provided.
- 10) Any future software upgradation must be provided free of cost.

Note : **The instrument should be installed at CIMFR, Digwadih Campus,
P.O.: FRI, Dhanbad (Jharkhand), India**

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Sl. No.05

Sl No.	File No.CIMFR/PUR-14(28)2007	
1.	Description of Item	Qty.
	Portable Methanometers	02
	Type : Optical Interference based or Infrared Range : 0-100% LEL / 0-100 vol% (Auto Change) Increment : 0.5% LEL / 0.5% Vol% Accuracy : $\pm 5\%$ of full scale or better	Nos.
	The instrument should be supplied with calibration certificate.	

Sl No.	File No. CIMFR/PUR-14(44)2007	
1.	Description of Item	Qty.
	<p>Ion Chromatograph</p> <p><u>Specification</u></p> <p>Compact system with two columns for the analysis of Anions F⁻, Cl⁻, NO₃⁻, NO₂⁻, SO₃⁻, SO₄⁻, PO₄⁻ etc.) and Cations (Na⁺, K⁺, NH₄⁺, Ca⁺⁺, Mg⁺⁺ etc.) with respective guard column at ppb/ppm levels in water and aerosol samples along with necessary guard columns, injector and suppressor etc.</p> <p>The system should be PC based and software for control of entire system and data acquisition.</p> <p>It must have all inert non metallic PEEK components, mobile phase solvent compatibility from PH 0-14 and 100% organic solvent to eliminate any corrosion / leaching effect for the analysis of anions and cations with lowest RSD (nearly 0.01%).</p> <p>The system should have auto calibration facility.</p> <p>It should have solvent delivery pump with Dual Piston for Flow rate -0.05 to 5.0 ml/min with flow precision less than 0.2%.</p> <p>Operating Pressure – 0-5000psi (without use of pulse dampener)</p> <p>Chromatography enclosure to mount guard columns, Injector columns, Conductivity Cell with cell volume <2.0µl Range: 0.01 – 10,000 µs and more with resolution 0.10 µs or better and cell temp. stability <0.02⁰C, Suppressor, Electrochemical Cell should be enclosed in a single enclosure and insulated compartment. Anion and cation suppressor should be integrated on detection unit for better sensitivity and peak sharpness.</p> <p>Auto ranging of the detector is must to integrate wide concentration of various analyses in single injection.</p>	<p>01 No.</p>

Sl. No.07

Sl No.	File No.CMRI/PUR-14(12)2006
Description of Item	
1.	Lightning protection for Coral-III EPABX Specification: Solid State, Self resetable, quick modular plug in with MDF. Line protection modular to protect the EPABX line circuits against lightning, over voltage, Over current and mains power contact.
2.	Supply & Installation of DP Boxes with Crone (50 pair - 5 Nos., 20 pair -10 Nos., 10 Pairs – 20 Nos.)
3.	Voice Mail System (with minimum 4 port) including installation.
4.	Trunk Card – 2 Nos. (8T / SPF) (Supply)
5.	Line Card – 2 Nos. (24 SLS) (Supply)
6.	Cabling 2000 meters 50 pairs, Cabling 1000 meters 10 pairs, Jelly fitted armoured telephone cable supply, laying installation, joint, etc.



Central Institute of Mining & Fuel Research
Erstwhile Central Mining Research Institute
(Council of Scientific & Industrial Research)
Barwa Road Campus, Dhanbad –826001 (Jharkhand), INDIA

COMMERCIAL TERMS & CONDITIONS

Important Notice

The Commercial Terms & Conditions is given in five different sections, which may please read carefully before submitting the tender. Any deviation and non-compliance of the terms & conditions must be written clearly. An incomplete offer and late bids are liable to be ignored and rejected. To aid the Bidders in submitting complete offers, a Check List is included in the bid document. The bidders must fill this and submit along with their offer in their own interest to avoid rejection of their tender.

Request For Proposal (RPF)

NIT No.

CIMFR/PUR/14(6)2007

1. Last Date for Submission of Bid :

03.03.2008 upto 4.00 P.M

2. Date of Opening of Tender (only Technical Bid in case of Double Bid System) :

04.03.2008 at 10.00 A.M

3. Date of Opening Financial Bid wherever applicable : TENDERERS WHOSE TENDERS ARE
FOUND TECHNICALLY SUITABLE

SECTION - I

INVITATION FOR THE BIDS

Sealed tenders are invited under **Two Bids System** 1. Technical-Commercial Bid and 2. Financial Bid for the products mentioned in our Global / Open Tender Notice required to be supplied, installed, commissioned and demonstrated at CIMFR, Dhanbad. **Technical- Commercial Bid and Financial Bid should be identical in all respects except that the Technical-Commercial Bid should have blank space at the place where prices have been indicated in the Financial Bid.**

Tenderers are requested to submit their tenders in three separate envelopes 1. EMD Envelope, 2. Technical-Commercial Bid Envelope and 3. Financial Bid Envelope duly sealed and super scribed with "Tender No. and Description of item" strictly as per our Technical specifications and Terms and Conditions.

Technical-Commercial Bid should consist of:

1. Technical specifications being offered by the firm of Tender Documents along with Brochures and literature giving all features.
2. Certificate of Registration of firm
- 3. Authorization Letter from the manufacturer to quote and submit tender.**
4. Certificate of valid Authorised Distributorship/Dealership/Retailer ship from the manufacturer.
5. Latest Income Tax Clearance Certificate
6. Certificate of Central Sales Tax/Local Sales Tax Registration No. Authorised Service Provider Certificate from the Manufacturer only.
- 7. Photocopy of Warranty Service Provider Agreement between the manufacturer and the Service Provider.**
8. Clients list along with addresses, Telephone Nos., Fax Nos., Contact persons. Product supplied, Qty. supplied, Performance Certificates/Bench marking of the equipments by recognized National/Institutional/ Govt. organization like Department of Electronics.
9. Last Audited Balance Sheet of the firm.
10. Maintenance Infrastructure Facilities including addresses, Telephone No. of Service Centre.
11. Photocopy duly attested of Certificate of compulsory enlistment of Indian Agents of Foreign Principals with DGS&D (**wherever required**) quoting on their behalf. Date of enlistment must be before the date of opening of tenders.
12. Details of Equipments supplied of identical or similar nature to other CSIR Labs/Institute for the preceding three years along with the prices eventually or finally paid.

Commercial Terms :

- a. Percentage rate of CST/LST, Octroi, freight and forwarding charges, handling charges, loading/unloading charges, any other tax/charge as applicable should be clearly mentioned. The offers indicating "Taxes as applicable" or "Taxes inclusive" may be rejected.
- b. Validity of Quotation
- c. Delivery Period
- d. Payment Terms
- e. Warranty
- f. Training
- g. Discount
- h. Terms of Delivery
- i. Post Warranty AMC
- j. Performance Security Deposit
- k. Liquidated Damages
- l. Installation, testing and commissioning charges
- m. Percentage of Agency Commission in case of imports.
- n. Agency Commission should be included in the FOB Price and will be paid to the Indian Agents if registered with DGS&D (**wherever required**)
- o. Gateway Airport in case of shipment from abroad
- p. Beneficiary Bank and SWIFT No. in case of imports

Financial Bid should consist of:

Basic Price in case of indigenous supply/FOB price in case of imports

Commercial Terms

a. Percentage rate of CST/LST, Octroi, freight and forwarding charges, handling charges, loading/unloading charges, any other tax/charge as applicable should be clearly mentioned. The offers indicating "Taxes as applicable" or "Taxes inclusive" may be rejected.

b. Validity of Quotation

c. Delivery Period

d. Payment Terms

e. Warranty

f. Training

g. Discount

h. Terms of Delivery

i. Post Warranty AMC

j. Performance Security Deposit

k. Liquidated Damages

l. Installation, testing and commissioning charges

m. Percentage of Agency Commission in case of imports.

Agency Commission should be included in the FOB Price and will be paid to the Indian Agents if registered with DGS&D (**wherever required**).

n. Gateway Airport in case of shipment from abroad

o. Beneficiary Bank and SWIFT No. in case of imports

The bids complete in all respects addressed to the Director, CIMFR should reach at the following address **latest by 4.00 PM on 03.03.2008.**

Central Institute of Mining & Fuel Research

Erstwhile Central Mining Research Institute

(Council of Scientific & Industrial Research),

Barwa Road Campus, Dhanbad -826001, JHARKHAND, INDIA

' : 0091-0326-220-3156, **G**: 0326-2203156,2202429

STD CODE: 0326

The Tenders (Technical Bids only wherever applicable) will be opened in this Office at 10.00 A.M hours on 04.03.2008 in the presence of Bidders (only one representative of the firm) who is willing to participate in the tender and whose EMD is in order.

SECTION - II

INSTRUCTION TO BIDDERS

1. Scope of Work:

Supply installation, testing, commissioning, demonstration and training in the usage and administration of procurement of products mentioned in our Open Tender Notice.

2. Bidders:

The invitation for Bid is open to all Indian Original Equipment Manufacturers / Authorized Distributors/Authorized Dealers/Authorized Retailers/Foreign Manufacturers or suppliers directly/authorized Indian Agents. In such cases where the tenders are submitted by the Indian Agents of their Foreign Manufacturer/Supplier or directly by the Principal to CIMFR, then the tender of Foreign Manufacturer/Supplier will only be considered and CIMFR will deal directly with the Foreign Manufacturer/Supplier or otherwise as decided by Director' CIMFR.

3. Cost of Bidding:

The bidders shall bear all costs associated with the preparation and submission of its bid and CIMFR will in no case be responsible or liable for these costs regardless of the conducts and the outcome of the bidding process.

4. The Bidding Documents:

The goods and services required, bidding procedures and contract terms are prescribed in the bidding document. In addition to the invitation for the bids, the bidding document includes:

- a) Instruction to bidders
- b) Schedule of requirements
- c) Technical Specifications
- d) Terms & Conditions
- e) Bid form and price schedule

The bidder is expected to examine all instructions, forms, terms and conditions in the bidding document. Failure to furnish all information required or submission of bid not substantially responsive to the bidding documents in every respect will be at the bidder's risk and may result in rejection of its bid.

5. Preparation of bids:

The bids are to be submitted in three separate sealed envelopes

- a) Earnest Money Deposit
- b) Technical-Commercial Bid
- c) Financial Bid

6. Submission of Bids :

a) Sealing and Marking of Bids

- i) The bids shall be submitted in three separate sealed envelopes addressed to The Director, Central Institute of Mining & Fuel Research , Barwa Road, DHANBAD-826001 JHARKHAND, INDIA which shall be marked as "EMD", "Technical-Commercial Bid" and "Financial Bid" mentioning Tender Number, Description of Item and Date of Opening and all the three envelopes should be put inside the big envelope.
- ii) The Envelopes shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared late and delayed.

Telex, cable, facsimile and unsigned bids will not be considered and rejected.

b) Deadline for submission of Bids

i) Bids must be received by CIMFR at the address given in Section-I not later than the time and date specified on the cover page. In the event of the specified date for the submission of bids being declared a holiday for CIMFR, the bids will be received up to the appointed time on the next working day.

ii) The Director, CIMFR may at his discretion extend the deadline for submission of bids by amending the bid documents, in which case all rights and obligations of the purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

c) Late Bids

Any bid received after the deadline for submission of bids prescribed by CIMFR will be rejected and/or returned unopened to the bidder.

d) Bid Opening and Evaluation

Opening of Technical Bids by Purchaser

The Purchaser will open all Technical-Commercial Bids, if the EMD, is submitted as per requirement in the presence of bidders' representatives who choose to attend, at the time, on the date and venue indicated in Section-I. The bidders' representatives present there, shall sign a register evidencing their attendance. In the event of the specified date of the bid opening being declared a holiday for the Purchaser, the bids shall be opened at the appointed time and location on the next working day.

e) Clarification of Bids

i) During evaluation of the bids, the purchaser may at his discretion ask the Bidder for clarification of bids. The request for clarification and the response shall be in writing and no change in price or substance of the bid shall be sought, offered or permitted.

ii) No Bidder shall contact the Purchaser on any matter relating to its bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Purchaser, it should be done in writing.

iii) Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award decision may result in rejection of the Bidder's bid.

f) Evaluation of Technical Bid

i) Prior to the detailed technical evaluation the purchaser will determine the substantial responsiveness of each bid to the Bidding Documents. A substantially responsive bid is one that conforms to all the terms and conditions of the Bidding Documents without material deviations.

ii) A bid determined as not substantially responsive will be rejected by the purchaser and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

iii) All the vendors will have to bring their equipment/machine for testing and technical evaluation/bench marking as and when asked for, if required. Separate communication will be sent in this regard.

The bidders short listed by the purchaser based on evaluation of their technical bids may be called for detailed discussion including presentation of their equipment system to a team selected by the purchaser for the purpose, at a specified date, time and venue, if needed.

g) Opening of Financial Bids

- i) The purchaser will open the financial bids of only those bidders, which are found to be technically qualified to undertake the job. The time, date and venue of opening of financial bids will be intimated to these technical qualified bidders only.
- ii) The Financial Bids of the technically qualified bidders shall be opened in the presence of their representatives, who are willing to participate, on the specified date, time and venue.

h) Evaluation and Comparison of Bid

- i) The comparison shall be of all inclusive price of goods, inclusive of all costs as well as taxes paid or payable and the warranty period asked for.
- ii) Arithmetical errors will be rectified on the following basis: if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity the unit price shall prevail and the total price shall be corrected. If the supplier does not accept the correction of errors, its bid will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.
- iii) Bidders shall state their bid price for the payment schedule. Bids will be evaluated on the basis of this base price. Bidders are however, permitted to state an alternative payment schedule and indicate the reduction in bid price they wish to offer for such alternative payment schedule. The purchaser may consider the alternative payment schedule offered by the selected Bidder but it may not be binding on purchaser.

i) Placement of Purchase Order

The purchaser will place the purchase order on the successful bidder whose bid has been determined to be substantially responsive and has been determined as the best evaluated bid provided further that the bidder is determined to be qualified to perform the contract satisfactorily.

SECTION - III

TERMS & CONDITIONS

1. Submission of Tenders: Sealed tenders must be submitted in an envelope duly super scribing "Tender/File Ref.No., Description of item and Date of Opening" addressed to Director, Central Institute of Mining & Fuel Research, Barwa Road, Dhanbad - 826001 JHARKHAND, INDIA in the Tender Box kept in the Office of the Stores & Purchase Officer, CIMFR, **latest by upto 4.00 PM on 03.03.2008 positively. Request for extension of submission date of tenders will not be considered.**

2. Late/delayed tenders : Late/delayed tenders due to any reason whatsoever will not be accepted / considered at all under any circumstance.

3. Opening of Tenders: The tenders received will be opened at **10.00 A.M.** on **04.03.2008** in the presence of the authorized representatives, if any, of quoting firm (one member only) at this office. **Request for extension of opening date of tenders will not be considered.**

4. Earnest Money Deposit: Tenderers shall have to deposit EMD of amount mentioned in our Global / Open Tender Notice in **Indian Rupees** or in equivalent amount in foreign currency in the form of Crossed Demand Draft/BG only in favour of Director, CIMFR, Dhanbad, issued by Scheduled/Nationalized Bank payable at Dhanbad, India, along with their tenders (with Technical Bid only). **The validity of the EMD submitted in the form of Bank Guarantee must be co-terminous with the validity of the offer. It must normally be valid for six months (180 days) from the date of opening of tender. Tenders received without earnest money will not be entertained/ considered at all and rejected summarily. Tenders received along with EMD in the form of Cheque/Cash will not be accepted/ considered and rejected.**

Firms registered with DGS&D and NSIC may be exempted from payment of EMD if the product being quoted is actually manufactured by them and the product is registered with these agencies. Firms registered with these agencies selling products of other companies and not manufacturing the products being quoted by them are not allowed exemption from payment of EMD. Firms are to submit a legible photocopy duly attested, of Registration Certification of the products manufactured and registered with DGS&D and NSIC for availing EMD exemption before opening of Technical-Commercial Bids, otherwise tender submitted by them will not be considered and rejected summarily.

5. Forfeiture of EMD: The earnest money deposited (EMD) will be forfeited if the vendor withdraws or amends, impairs and derogates from the tender in any respect within the period of validity of tender or fails to furnish the Performance Security Deposit as per Clause No. 6 - Performance Security Deposit mentioned below.

6. Performance Security Deposit: The successful tenderer will have to furnish an unconditional Performance Bank Guarantee in favour of the Director, CIMFR, Dhanbad valid up to sixty (60) days after the warranty from a Scheduled/Nationalised Bank in India for 10% of the total order value within twenty one (21) days of the placement of order for orders where full payment is to be made on Letter of Credit/Sight Draft or on delivery, failing which the purchase order/contract shall be terminated.

b. The successful tenderer will have to furnish an unconditional Performance Bank Guarantee in favour of the Director, CIMFR, Dhanbad valid up to sixty (60) days after the warranty from a Scheduled/Nationalised Bank in India for 10% of the total order value before the release of final payment where payment is to be made on satisfactory supply, installation, testing, commissioning, demonstration and final acceptance of the products.

7. Refund of Performance Security Deposit: The Performance Security Deposit will be returned to the successful vendor after sixty days from the date of the completion of warranty period and no interest would be paid thereon.

8. Warranty: Equipments should be under free ONSITE comprehensive warranty for a minimum period of three years from the date of completion of satisfactory installation, testing, commissioning, demonstration and final acceptance of the products. A satisfactory service during the warranty period is defined as 95% uptime. In case 95% uptime is not provided, the warranty period would be extendable by a period which is equivalent to the period during which 95% uptime was not provided. **The bidder will also ensure that the spares are available at least for three years after the warranty period for the operation and maintenance of the equipments supplied. The firms giving the warranty offer less than three years must specify the equivalent amount to be charged for additional warranty/per year which will be added to the price quoted for deciding Lowest Tender. Failing to quote the same will lead to rejection of the bid. This must be strictly complied.**

9. Custom Duty and Excise Duty: Our Institution is eligible for payment of concessional Custom Duty and exempted from payment of Excise duty.

a) In case, the tenderers are Indian Agents of the foreign suppliers and quoting prices on behalf of their foreign principals must enclose the proof of enlistment with DGS&D (**wherever required**). Date of enlistment must be before the date of opening of tenders. Tenders of agents not enlisted with DGS&D will be ignored and summarily rejected. The compulsory enlistment of Indian Agents of foreign principals with DGS&D is of general nature and does not confer on the Indian Agents the status of a supplier registered with DGS&D.

b) In case, the prices are quoted in foreign currency, it must be on FOB price. Indian Agency Commission/Technical Service Charges, if any, must also be shown separately and shall be payable in India in Indian Rupees only if the Indian Agent is registered with DGS&D. Kindly indicate Indian Agent's address, their kind of services and percentage Agency Commission (which will be reduced from invoice and paid in Indian Rupees Only). Also quotation should indicate whether Agency Commission is included / excluded in the FOB price.

c) In case of Domestic, the offer should contain the basic price and percentage of Excise Duty separately since we are exempted from payment of Excise Duty.

10. Prices: The price quoted should clearly mention whether

- a) **FOR destination /Dispatching Station by registered road transport**
- b) **FOR free delivery at this office Stores including Packing & Forwarding, freight, insurance charges, etc.**
- c) **Where there is no mention of the above, the offers will be rejected as incomplete.**
- d) **In case of Imports, the quotation should be for FOB price only.**

11. Taxes: The percentage rate of sales tax, resale tax, duties/levies and any other charges etc, should be clearly indicated in the tender, wherever chargeable. The packing charges must be included in the rates. **CIMFR is not authorized to issue C/D Forms.** However, the concessional rate of central sales tax is admissible to Research Institutions from certain States is also applicable to this Institute and necessary Concessional Sales Tax Certificate will be issued. The supplier should submit documentary proof while claiming octroi, naka etc. charges.

12. Annual Maintenance Contract: After the expiry of warranty period, ONSITE Comprehensive Maintenance Contract may be entered into for which the Annual Maintenance Contract (AMC) charges should invariably be quoted in terms of percentage (%) of cost on the exact amount inclusive of all taxes and duties of the product to be supplied.

Satisfactory services during AMC period is defined as 95% uptime. In case 95% uptime is not provided the AMC period would be extendable by a period which is equivalent to the period during which 95% uptime was not provided.

Response Time : Should be four hours

Preventive Maintenance: Tenderers should provide at least one preventive maintenance service every month during the AMC period.

13. Training: Tenderers should provide free training on the complete operation and care of the equipment and Software Packages to be supplied on mutually agreed terms.

14. Validity of Tender: The quotations shall be valid for a minimum period of **One Hundred Eighty (180) days from the date of opening of tenders.**

15. Delivery: Equipment may be delivered between 11.00 A.M. to 04.00 P.M. on all working days i.e. Monday to Friday at our Stores Section only.

16. Payment - Indigenous Supplier: Payment shall be made after delivery, satisfactory installation, testing, commissioning, demonstration and final acceptance of the ordered items by the user department, through an Account Payee cheque drawn on State Bank of India, Hrapur Branch, Dhanbad-826001 (Jharkhand), India within thirty (30) days from the date of submission of the bill. Bill(s) in triplicate duly pre-receipted with Rs.1/- revenue stamp will have to be presented for claiming payments.

17. Liquidated Damages: The LD clause of 01% per week subject to maximum 10% of the order value will be imposed on non-compliance of the order Terms & Conditions. The L.D may further be revised and enhanced as per the discretion of the Competent Authority, CIMFR on violation of the contractual terms of any form. Director, CIMFR reserves the right to go ahead with the procurement of ordered goods from any another vendor without giving any prior notice and cancel the purchase order. In such case, any additional impact on CIMFR over and above that contained in the Purchase Order shall be recovered from the successful vendor from the payment to be made by CIMFR or any of the CSIR Labs. to them towards earlier supplies, EMD or otherwise

18 S.T. Registration No./ITCC/Distributorship/Dealership/Service Provider Certificates:

Tenderers must attach a legible photocopy of the following documents positively along with their tenders.

- i) CST/Local Sales Tax Registration Certificate.
- ii) Latest Income Tax Clearance Certificate.
- iii) Authorised Distributorship/Authorised Dealership/Authorised Retailership/Autorised Service Provider Certificate from the manufacturers.

19. Environmental conditions for the installation of equipments: Tenderers should specify minimum environmental needs for installation of their Equipments such as air-conditioning specifications, power supply specifications including any special requirements like voltage regulators, etc.

20. Software installation: Tenderers should clearly specify the minimum hardware requirements for the installation of Software Packages positively.

21. Tenderers should note that they should offer their best products pertaining to Technical specifications given.

22. Tenderers should clearly indicate whether they are Original Equipment Manufacturers or authorised distributors/dealers/suppliers on behalf of manufacturers. Brand names & Model Nos. of all equipments and components offered should necessarily be mentioned.

23. Tenderers should furnish the experience of their organization in the area of manufacturing and/or supply of similar equipment.

24. Tenderers should have a well established Office and Service and Support Centre in Kolkata / Dhanbad, India, managed by qualified maintenance professionals along with documentary evidence to be attached with their tenders.

25. Tenderers should indicate the names (along with addresses, Telephone nos., Fax No., Contact person, dates of supply, etc.) of various Government, Public Sector Departments and other organizations where they have supplied and installed the similar equipments and are duly maintaining them.

26. Tenderers should furnish all details of Performance Certification/Bench marking of their Equipments by recognized National/International Institutes Govt. Organizations like D.O.E. (Dept of Electronics), etc as applicable.

27. All prices shall be quoted clearly both in figures and words duly taking into account all concessions provided by the Govt. of India as on the date of tender. In case of discrepancy in Unit and Total prices, unit price shall be taken to be final price for the purpose of calculations.

28. Tenders incorporating additional conditions are liable to be rejected.

29. Complete details including final specifications of the equipments offered/quoted should be furnished along with brochures/literature mentioning all features.

30. Tenderers should indicate whether they are the OEMs/. Authorised Distributors/Authorised Dealers/Authorised Retailer of the equipments offered and have valid license to sell Equipment.

31. Tenderers will also indemnify CIMFR against all possible damage due to any Copyright violation by them.

32 Only legal and authorised copy of Software Packages with all original manuals, installation and performance guide, etc. complete in all respects are required to be supplied.

33. Tenderers will replace equipments in toto, in case of any malfunctioning or other similar problems arise after supply of the equipment.

34. Equipment supplied will include all Operational and Maintenance Manuals, tutorials, reference manuals, installation and performance guide, etc. complete in all respects. Connecting cable and/or any other

part/device which is essentially required for making the equipment operational is required to be supplied along with the equipment and n additional cost.

35. Printed conditions of the tenders shall not be binding on CIMFR.

36. CIMFR is an R&D organization under CSIR, Ministry of Science & Technology, Govt. of India. Therefore it is requested to **quote concessional rates applicable to the R&D organizations since the equipment is required for research purposes.**

37. Offers for stores vaguely described as "Best Indian Make", "Foreign Make" will be ignored while considering the tenders.

38. Details of Equipments supplied to CSIR Labs/Institutes: The tenderers who have supplied identical or similar equipment to other CSIR Labs/Institutions have to furnish the details of such supplies for the preceding three years along with the prices eventually or finally paid positively.

39. **Responsibility:** The responsibility lies with the successful tenderer, if any damage or loss to the property of the Institute occurs while undertaking and executing the contract.

40. **Shortage of Supplies:** Suppliers will have to make the good the shortages, if any, which is revealed after opening the packages. The Stores, which are spoiled/damaged during transit due to faulty packing will have to be replaced by the suppliers. The product should have warranty for workmanship, performance and service for a minimum period of twelve months from the date of acceptance of replacement of spares/parts during warranty period. The replacement should be done free of all costs including to and fro Air Freight, packing, forwarding and insurance charges.

41. **Defects and Liability Period:** Thirty six months from the date of virtual completion, installation and commissioning of the equipments as certified by CIMFR, Dhanbad, India.

42. **Damage and Unaccepted supply :** The material found to be damaged and declared rejected should be collected by you at your risks and costs within 21 days from the date of intimation by CIMFR, otherwise ground rent will be charged.

In addition to the Terms and Conditions mentioned above, Terms and Conditions for the items offered from abroad are as follows:

43. The detailed specifications of the material offered should be given. Relevant technical Literature and descriptive catalogue / pamphlet should also be attached with the offer.

44. **FOB Price only to be indicated.** Other charges applicable to be indicated separately.

45. **INSURANCE:** Insurance will be done by our own means for imports. Please intimate immediately after shipment about the Airway Bill No. For indigenous items the cost must include the insurance charges.

Bill of Lading, consignment etc. to The Director, CIMFR, P.O + Dist: Dhanbad, Dhanbad, Jharkhand, India.

46. **WARRANTY:** Warranty period should be for a minimum period of **three years onsite comprehensive.**

47. **COUNTRY OF ORIGIN:** Please specify Place/County of Origin and the Place/Country from where goods will be finally shipped. These particulars are very important for establishment of Letter of Credit and arranging insurance.

48. **VALIDITY PERIOD:** Your offer should be valid for at least One Hundred Eighty (180) days from the date of opening of tenders.

49. Please also indicate names and addresses of some of the Indian Organizations to whom you have supplied material, if any, under reference.

50. This Institute is eligible for payment of concessional customs duty under OGL Scheme. Actual User-Condition (Non-industrial-R&D institution).

51. **INDIAN AGENT'S COMMISSION:** If you have any Agent in India, please indicate specifically whether the amount of agency commission payable to the agent is included in the FOB Price or not. Moreover, Indian Agent should have compulsory registration with DGS&D, Govt. of India (**wherever required on case to case basis**). Please note that the tender will not be considered if the Indian Agent is not Compulsorily registered with DGS&D, Govt. of India and Agency Commission will not be paid to the Indian Agent unless a legible photocopy of DGS&D Registration Certificate duly attested is submitted to this office. The Indian Agents Commission will be paid in Indian Rupees only within thirty days from the date of commissioning and final acceptance of the whole system by CIMFR, Dhanbad-828 108, India. The role played by the Indian Agents in rendering assistance to your customers may also be specified.

52. **FREIGHT:** The mode of dispatch should be Ocean Freight/Air Freight preferably by Air India Flight and on To-Pay basis only. Please indicate the approximate Air Freight Charges for Kolkata Air Port, India. The consignments are required to be shipped by Air India (Freight to pay) up to Kolkata Airport, India. All the documents are to be made in favour of Director, CIMFR, Dhanbad-826 001, India and forwarded to our Banker.

For speedy clearance, please specify our Purchase Order Reference No. and date on the top of the parcel as well as on the Airway bill without fail. Address all the consignments to Director, CIMFR, Dhanbad-826 001, India and not to Bank. The ordered materials are being imported under Open General License.

The following documents may be sent to us directly while dispatch.

Invoice in quadruplicate with deduction of Agency Commission, if any, Packing List, Delivery Challan, Country of Origin Certificate, Literature, if any, should be enclosed.

53. PAYMENT TERMS :

Term I - In case of indigenous orders, the payment will be on credit basis i.e. 100% after receipt of material in good condition, installation, testing, commissioning, satisfactory demonstration, final acceptance of the whole system and on submission of unconditional Performance Bank Guarantee for 10% of the total order value valid till 60 days after the warranty period from a Indian Scheduled Bank duly recognized by RBI.

Term II - In case of import orders, 80 percent value of goods will be paid through an Irrevocable Letter of Credit on submission of shipping documents. Balance 20 percent value of goods will be paid through L/C excluding Indian

Agency Commission, if any, after installation, testing, commissioning, satisfactory demonstration, final acceptance of the whole system and on submission of unconditional Performance Bank Guarantee for 10% of the total order value valid till 60 days after the warranty period from a Foreign Bank duly endorsed by Nationalized Bank in India.

Term III - Letter of Credit / Sight Draft (For 100% payment against submission of unconditional Performance Bank Guarantee for 10% of the total order value (for small value orders) within twenty one (21) days of the placement of Purchase Order valid till 60 days after the warranty period from a Foreign Bank duly endorsed by Nationalized Bank in India. The Institute would prefer 100% payment after supply and successful installation & commissioning of the equipment incase the equipment is to be supplied for the first time in India or otherwise if the party does not have successful installation in India. **No other financial deviation will be accepted to CIMFR.**

54. The tenders are liable to be cancelled if any of the conditions noted herein are not complied with. Hypothetical, ambiguous and conditional tenders will not be entertained at all and rejected summarily.

55. Goods should not be dispatched until firm Purchase Order is received by the successful vendor.

56. Director, CIMFR reserves the right to delete or alter the item given in the enclosed annexure depending on prevailing requirements.

57. Director, CIMFR reserves the right to accept or reject any tender in completely or in part thereof without assigning any reason.

58. Arbitration :

Except where otherwise provided in the Contract, all questions and disputes relating to the meaning of the specifications, instructions and terms & conditions herein before mentioned and as to the quality of the materials, as to any question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the Contract. Specifications, estimates, instructions, orders

or these conditions or otherwise concerning the works, or the execution of the same whether arising during the process of the work or after the completion or abandonment thereof shall be **referred to the sole arbitration of a person nominated by the Director General, Council of Scientific & Industrial Research, New Delhi**, and if he is unable or unwilling to act to the sole arbitration of some other person appointed by him willing to act as such arbitrator. The submission shall be deemed to be submission to Arbitration under the meaning of the India Arbitration & Conciliation, 1996 or any satisfactory modification or reenactment thereof for the time being in force conclusive and binding on all parties of the Contract. **The venue of the arbitration will be Dhanbad only.**

In the case of a dispute between the purchaser and a foreign supplier, the dispute shall be settled by arbitration in accordance with provision of clause above. But if this not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission of International Trade Law) Arbitration Rules. The venue of the arbitration shall be the place from where the order is issued.

SECTION - IV

FORMATS FOR BID SUBMISSION **Checklist for Bid Submission**

The following check-list must be filled in and submitted with the bid document:

Technical Bid:

1.	Has the tender document issued to you?	Yes / No
2.	Have you attached the technical bid form?	Yes / No
3.	Have you attached a copy of the last audited balance sheet of your firm?	Yes / No
4.	Have you attached proof of the manufacturer's authorization?	Yes / No
5.	Have you attached the details of the income tax registration and latest income tax clearance certificate?	Yes / No
6.	Have you attached the statement of deviations from the technical Specifications in the format?	Yes / No
7.	Have you provided details of your maintenance infrastructure facilities including addresses of the service centers in the format	Yes / No
8.	Have you attached the technical details of the goods and services offered as a part of this bid document?	Yes / No
9.	Have you attached the copies of relevant work orders executed during the last three years?	Yes / No
10.	Have you attached the details of identical or similar equipments supplied to other CSIR Labs/Institutes for the preceding three years together with prices eventually or finally paid?	Yes / No
11.	Have you attached photocopy duly attested of Certificate of compulsory Enlistment of Indian Agents of foreign principals with DGS&D if quoting on their behalf? Date of enlistment must be before the date of opening of tenders.	Yes / No
12.	Have you attached Service Provider Certificate issued by the Manufacturer?	Yes / No

Financial Bid:

1.	Have you attached the Financial Bid?	Yes / No
2.	Have you attached the price schedule for the goods/services offered in the Format?	Yes / No
3.	Have you attached the statement of deviations from the Financial terms and conditions in the format?	Yes / No

Please arrange your tender document for each part as given below:

Earnest Money Deposit :

TECHNICAL BID:

Technical Bid Form

Copy of the Last Audited Balance Sheet of the company

Income Tax Registration Certificate/PAN No.and latest Income Tax Clearance Certificate

Proof of Manufacturer's authorization

Photocopy of Warranty Service Provider Agreement between the manufacturer and the Service Provider.

Statement of Deviation from the technical specifications

Details of service centers at Dhanbad

Photocopy duly attested of Certificate of compulsory enlistment of Indian Agents of foreign principals with DGS&D if quoting on their behalf. Date of enlistment must be before the date of opening of tenders?

Copies of relevant work orders

Details of supplies of identical or similar equipment made to other CSIR Labs/Institutions for the preceding three years together with price eventually or finally paid.

FINANCIAL BID:

Financial Bid Form

Estimated quantity and Financial Bid Analysis

Statement of Deviations from Financial terms and conditions

Technical Bid Form

(To be submitted on the firm's Letter Head and signed by an authorized person)

To ,

The Director
Central Institute of Mining & Fuel Research
P.O. DHANBAD
Barwa Road, DHANBAD – 826001,INDIA

Ref: Tender No. CIMFR/PUR/14(6)2007 date: 21.01.2008.

Sir,

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned offer to supply and deliver goods as per the schedule of requirements and in conformity with the said bidding documents. We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the bidding documents.

If our bid is accepted, we will submit a unconditional performance bank guarantee for the sum equivalent to 10% of the Contract Price i.e. Total Order Value for the due performance of the Contract, in the form prescribed by the Central Institute of Mining & Fuel Research, Dhanbad.

We agree to abide by this bid for a period of One Hundred Twenty days after the date fixed for opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period. We declare that we are the manufacturers/authorized agents/distributor of

that we/our principals are equipped with adequate machinery for production, quality control and testing of offered products manufactured/developed and used by us.

2. We hereby offer to supply the Goods/Services at the price at the rates mentioned in the Financial Bid.
3. We enclose herewith the complete Technical Bid as required by you. This includes:

Technical Bid Form

Copy of the last audited balance sheet of the company
Proof of Manufacturers authorization.
Technical details of the goods and services offered.
Statement of deviation from the technical specifications
Details of local service centers
Product catalogues/user manual/other informative material about our products and Services.

Details of supplies of identical or similar equipment to other CSIR Labs/Institutes for the preceding three years together with prices eventually or finally paid.

Photocopy duly attested of Certificate of compulsory enlistment of Indian Agents of Foreign principals with DGS&D if quoting on their behalf. Date of enlistment (It must be before the date of opening of tenders).

4. We have carefully read and understood the terms and conditions of the bid document and the conditions of the contract applicable to the bid document and we do hereby undertake to supply as per these terms and conditions.

5. Certificate that the bidder is:

A Sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of the sole proprietor, or

A partnership firm, and the person signing bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney, or

A company and the person signing the document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All correction/deletions should invariable by duly attested by the person authorized to sign the bid document)

6. We do hereby undertake take, until a formal work order is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the work order, shall constitute a binding contract between us.

Dated this day 2004 Signature of Bidder

Details of enclosures.

Full Address _____

Telephone No. _____

Telegraphic Address: _____

Fax No _____

E-Mail _____

COMPANY SEAL

**STATEMENT OF DEVIATIONS FROM TECHNICAL SPECIFICATIONS AND
SCHEDULE OF REQUIREMENTS**

Following are the Technical deviations and variations from the Technical specifications and Schedule of Requirements. These deviations and variations are exhaustive. Except these deviations and variations, the entire work shall be performed as per your specifications and documents.

SI No.	Item	Statement of Deviations / Variations

Signature of the Bidder

Name:

Date:

Place:

Address:

Company Seal

**MAINTENANCE INFRASTRUCTURE FACILITIES INCLUDING ADDRESSES OF
THE LOCAL SERVICES CENTRES**

LOCATION	ADDRESS OF SERVICE CENTRE	NAME OF THE CONTACT PERSON WITH TEL. No. Fax No. and Email	Total No. of qualified service engineers	Remarks

Signature of the Bidder

Name:

Date:

Place:

Address:

Company Seal

Financial Bid Form

(On the Letter Head of the firm submitting the Bid Document)

To
The Director
Central Institute of Mining & Fuel Research
P.O.DHANBAD, DISTT: DHANBAD
DHANBAD-826001, INDIA

Ref: Tender No.CIMFR/PUR/14(6)2007 dated 21.01.2008

Sir,

Having examined the bidding documents and having submitted the technical bid for the same, we, the undersigned, hereby submit the Financial Bid for supply of goods and services as per the schedule of requirements and in conformity with the said bidding documents.

We hereby offer to supply the Goods/Services at the prices and rates mentioned in the Financial Bid.

We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the schedule to the Bid document and that we shall perform all the incidental services.

The prices quoted are inclusive of all charges including installation and commissioning charges in the Central Institute of Mining & Fuel Research Institute, Dhanbad.

We enclose herewith the complete Financial Bid as required by you. This includes:

Financial Bid Letter

Price Schedule

Statement of deviations from Financial terms and conditions.

We agree to abide by our offer for a period of One Hundred Twenty (120) days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.

We have carefully read and understood the terms and condition of the bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviation are only those mentioned in the statement of deviation from financial terms and conditions.

Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of sole proprietor.

Or

A partnership firm and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

Or

A company and signing the bid document is the constituted attorney.

(Note: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid document).

We do hereby undertake, that until a formal work order is prepared and executed, this bid, together with your written acceptance thereof and placement of letter of intent awarding the work order, shall constitute a binding contract between us.

Dated this day of _____ 2007 Signature of Bidder

Details of enclosures

Full Address:

Telephone No.

Telegraphic Address:

E-mail:

COMPANY SEAL

PRICE SCHEDULE - Estimated Quantity and Financial Bid Analysis

Sl No	Item Name	Qty.	Manufacturer	Model Name & Version	Compliance to suggested Technical Specification	Operating System Environment	Unit Cost Rs.	Total cost (inclusive of all other charges)

1. Attach sheet giving detailed Technical Specification and deviations for the suggested systems.

NOTE

- (i) For Financial bid comparison total Value in Col. No. 9 shall be the basis.
- (ii) Unit value quoted in actual quantity of work shall form the basis.
- (iii) The Bid should have Col. 3 x Col. 8 = Col.9. Any error in the Table of any bidder is liable to be out rightly rejected.
- (iv) The price quoted should be inclusive of all charges including all applicable taxes, Octroi, freight and handling charges, and all other miscellaneous expenses.
- (v) In case of discrepancy between unit price and total price, the unit price will prevail.
- (vi) Annual Maintenance Charges after warranty period should be quoted separately.

Signature of the bidder

Name :

Place :

Date :

Address :

Company Seal

STATEMENT OF FINANCIAL DEVIATIONS

Following are the financial deviations and variation(s) from the exceptions to the specifications and documents for the Bid document. These deviation(s) and variation(s) are exhaustive.

Except these deviation(s) and variation(s), the entire work shall be performed as per your specifications and documents.

SI No.	Section No.	Clause No.	Statement of Deviations / Variations

S. No. Section No. Clause No. Statement of deviation(s) and variation(s)

Signature of the bidder

Name:

Place:

Date:

Address:

Company Seal

BID SECURITY FORM

WHEREAS
(hereinafter called "the Bidder") has submitted its bid dated(Date of submission of bid) for the supply of(Name and/or description of the goods)
(Hereinafter called "the bid").

KNOW ALL PEOPLE by these presents that WE(Name of bank) of (Name of country), having our registered office at (address & phone & fax no. of bank) (hereinafter called "the bank"), are bound unto (Name of Purchaser) (hereinafter called "the Purchaser") in the sum of For which payment well and truly to be made to the said purchaser, the Bank binds itself, its successors, and assigns by these presents, Sealed with the common Seal of the said Bank this Day of 200.....
THE CONDITIONS of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser
During the period of bid validity:
 - a) Fails or refuses to execute the Contract Form if required; or
 - b) Fails or refuses to furnish the performance security, in accordance with Instruction to Bidders.

We undertake to pay the purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is owing to it, owing to the occurrence or one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to and including 180 (One Hundred Eighty) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

PERFORMANCE SECURITY FORM

To: _____ (Name of Purchaser)
WHEREAS _____ (Name of Supplier) hereinafter called "the Supplier" has undertaken, in pursuance of Contract No. _____ dated _____ 2007 to supply _____ (Description of Goods and Services) hereinafter called "the Order" AND WHEREAS it has been stipulated by you in the said order that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the order.

AND WHEREAS we have agreed to give the Supplier a Guarantee:
THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of _____ (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the sum or sums within the limit of _____ (Amount Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____ 2007

Signature and Seal of Guarantors

Date

Address

All correspondence with reference to this guarantee shall be made at the following address:

(Name & address of the lab)

*****THE END*****
