



cmpdi
A Mini Ratna Company

सेन्ट्रल माईन प्लानिंग एण्ड डिजाइन इन्स्टीच्यूट लिमिटेड
(कोल इण्डिया लिमिटेड की अनुषंगी कम्पनी/भारत सरकार का एक लोक उपक्रम)
क्षेत्रीय संस्थान-6, जयन्त कोलियरी- 486 890, सिंगरौली (म.प्र.)
Central Mine Planning & Design Institute Ltd.
(A Subsidiary of Coal India Limited/ Govt. of India Public Sector (U/t.)
Regional Institute-6,
P.O.-Jayant, Colliery, Dist. Singrauli PIN-486 890 (M.P.)
Corporate Identity Number : **U14292JH1975GOI001223**

फोन Phone: (07805) 222806, फ़ैक्स FAX: (07805) 222330: ई-मेल : ri6@cmpdi.co.in
CMPDI Ltd. Registered Office : Gondwana Place, Kanke Road, Ranchi – 834031

TENDER DOCUMENT
FOR
Supply of Lab Equipment

Tender No: CMPDI/RI-6/E&M/Purchase/2016-17/41 Date: 10/08/2016

No. of pages: 7 (Seven)

To

M/s. _____

Signature of issuing officer



cmpdi
A Mini Ratna Company

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Tender No. CMPDI/RI-6/Expl /Purchase/2016-17/41

Date: 10/08/2016

NOTICE INVITING TENDERS

- 1.0 Sealed tenders (quotations) in TWO PART SYSTEM are invited from eligible suppliers/ authorized dealers/ agencies for following item(s) as per specifications and details mentioned below:

Description of work	Supply of Lab Equipment
Estimated cost	Rs. 1,59,019.00
Tender Document Fee	Rs. 150.00
Earnest money deposit	Rs. 3180.00
Issue of Tender Documents	Begins on 19.08.2016 & Closes on 01.09.2016.
Last date of submission of sealed tenders	01.09.2016 up to 3.00 PM.
Schedule date and time of opening of Envelope-I (Technical bid)	01.09.2016 at 4.00 PM.
Date and time of opening of Envelope –II (Price bid)	Shall be communicated in due course of time to the qualified bidders after scrutiny of all the requisite documents submitted in Envelope-I.

2.0 Availability of Tender Document

- 2.1 Tender Documents can be obtained from the office of the **Purchase Officer, CMPDI RI-6, Jayant** on any working day between **10.00 hrs. to 13.00 hrs.** against cash receipt on payment of tender document fee at the cash counter, CMPDI RI-6, Jayant.
- 2.2 Tenders downloaded from websites :-

Complete Tender Document will also be available on CMPDI's web site <http://www.cmpdi.co.in> or Government web site www.tenders.gov.in. The tenderer, who desires to download the tender document from website and submit the tender on due date and time may do so subject to the condition that they have to deposit the cost of tender document in the form of **Demand Draft/ Banker's cheque** drawn on any nationalized/scheduled bank in favour of '**CMPDI Ltd. Regional Institute Singrauli**' Payable at '**Morwa/Dudhichua/Jayant**'..

The company shall not be responsible for any delay/difficulty/inaccessibility of the downloading facility or any reason whatsoever. The downloading facility shall be available during the period of sale of tender documents.

The bidders who have downloaded the tender document from the websites will be required to submit an **Declaration (as per Annexure-II)** that they will accept the tender document as available in the website and their tenders shall be rejected, if any tampering in the tender document is found at the time of opening of tender.

The **Bank Draft/ Banker's cheque** towards the cost of tender documents (downloaded) and the **Declaration** by the tenderer as per **Annexure-I** shall be **submitted in Envelope-I** along with other documents as specified in Sl. No. 3.0 (Minimum eligibility criteria) and 4.0 (Submission of offer).

In case of any discrepancy between the tender document downloaded from the website and the master copy available in the office, the latter shall prevail & will be binding on the tenderers. No claim on this account shall be entertained.

3.0 Minimum eligibility criteria

The tenderer has to submit following certificates regarding minimum basic eligibility criteria for consideration as a qualified bidder:-

3.1 Manufacturer of the products

Or

Sole Selling Agent / Authorized Dealer / Authorized Distributor /Sub Dealer for the products of reputed manufacturer.

Or

Work orders/ Supply orders for supply of similar items to government office or PSU office should be enclosed with the offer to submitted.

3.2 Photocopy of Permanent Account Number (PAN) Card.

3.3 Photocopy of TIN/Sales tax Registration Certificate.

3.4 Requisite DD/Banker's cheque for **EMD** in favour of **CMPDI Ltd. Regional Institute Singrauli** payable at **Morwa/ Dudhichua/ Jayant**.

4.0 Submission of Offer

Tenderers are required to submit their offers properly sealed in a single envelope giving reference to the Tender Notice No. and date.

The single sealed envelope shall contain offers in separate two envelopes properly sealed and superscribed as Envelope - I and Envelope - II with Tender Notice No. and date respectively.

All the envelopes must be properly sealed. Envelopes only stapled shall not be accepted.

The tenderers should sign with seal on all pages of tender document including all enclosures submitted with the tender. Offers received without signature and seal on all pages shall be rejected.

Two envelopes should contain the details of the offer as follows:

a) Envelope- I (Technical Bid) -

Should contain the following –

- i) Tender document issued by department or downloaded from the website duly signed with seal in all pages by the tenderer,.
- ii) All the requisite documents mentioned above at Sl. No. 3.0 (minimum eligibility criteria) duly signed with seal by the tenderer.
- iii) Tender document fee in the form of **cash receipt/ demand draft/ Banker's cheque** (as applicable).
- iv) Earnest money deposit (**EMD**) in the form of requisite **Demand Draft/Banker's cheque**.
- v) Duly filled in make/ model in the format as indicated in this tender document **Annexure-I**.
- vi) **Declaration** as per **Annexure – II**, duly signed with seal, in case, tender documents have been downloaded.
- vii) **Bank details: Photocopy of passbook showing** Name of the beneficiary, Bank

account number, Name of the bank, Bank IFSC code.

b) Envelope- II (Price Bid) -

Should contain **rate(s)/ amount** in the format as indicated in **Annexure –III** of this tender document

Rate(s) /amount quoted must be inclusive of all taxes, duties, logistics, VAT, etc, i.e. Net price **FOR Destination at CMPDI, RI-6, PO. - Jayant, Dist.- Singrauli, MP. Pin- 486890.**

5.0 Location/ Place of submission of Tender: In the Office of Purchase Officer, Exploration department, CMPDI, RI-6, Jayant, Singrauli (M.P).-486890

6.0 Opening of tenders-

a) Envelope – I (Technical bid) will be opened by the purchase committee on 01.09.2016 at 4.00 PM in the office of the Purchase Officer, CMPDI, Jayant, Singrauli.

b) Envelope – II (Price bid) of the offers shall be opened by the purchase committee only in respect of tenders as are found valid/technically qualified after scrutiny of documents submitted in **Envelope – I.**

Date and time of opening of Envelope – II (Price Bid) of qualified tenderers will be communicated by the Purchase officer in due course.

7.0 CMPDI does not bind itself to accept the lowest tender and reserves the right to reject any or all the tenders at any stage without assigning any reason whatsoever.

Purchase Officer / Assistant Manager (E&M.)
CMPDI, RI-6, Jayant.

Distribution:

- 1) RD, CMPDI, RI-6: for kind information.
- 2) Secretary to RD - with a request to display on the notice boards.
- 3) HOD (Finance), CMPDI, RI-6.
- 4) HOD (P&A) - Total 12 copies for distribution as under:
 - 11 copies for Secretaries to CGM - Jayant/ Dudhichua/ CWS/ Nigahi/ Amlohri/ Khadia/ Kakri/ Bina/ Jhingurda/ Block B/ Krishnashila projects.
 - 1 copy for OIC, Drilling Camp, Singrauli.
- 5) OIC (Stores), CMPDI, RI-6.
- 6) Vigilance Officer, CMPDI, RI-6.
- 7) HOD (E-Procurement & contract management cell), CMPDI, HQ, Ranchi
- 8) Members, Purchase Committee:
 - i) Shri Sourabh Singh DM (Geology)
 - ii) Shri Prateesh V. Parolical ,AM (Env.)
 - iii) Shri Mohit Agarwal ,AM (Env.)

Terms & Conditions

1. **Consignee: Purchase Officer**, CMPDI, RI-6, Jayant.
2. **Bill accepting authority: HOD (Environment)**, CMPDI, RI-6, Jayant or his authorized representative.
3. **Paying authority: HOD (Finance)**, CMPDI, RI-6, Jayant.
4. **Rate quoted** must be inclusive of all taxes, duties, VAT, etc i.e. net price FOR Destination i.e. CMPDI, RI-6, P.O. Jayant, Dist. Singrauli (M.P.)-486890.
5. The offer must be firm for six months after opening of price bid.
6. The supply shall be completed within **45 days** from the date of receipt of Supply Order.
7. The lowest bidder will be decided on the basis of lowest price bid for Individual items.
8. The tenderers should sign with seal on all pages of Tender Document including all enclosures submitted with the Tender. Offers received without signature and seal on all pages shall be rejected.
9. 100% payment will be made within **30** days after satisfactory supply, inspection, installation & acceptance of the supplied material against supply order on submission of bill **and acceptance of Security Deposit and Performance Bank Guarantee (if applicable)**.
10. In case of late supply by the supplier –
 - i) Penalty @ 0.5% per week or part thereof subject to a maximum of 10% shall be imposed.
 - ii) However in case of emergency, if the ordered material is not supplied, within scheduled time period of 4 weeks, the Supply Order will be cancelled and material shall be procured in full or part by CMPDI from other sources, and excess cost, if any, shall be recovered from the pending bills of the defaulting supplier.
11. **Security Deposit.**

The Successful Tenderer will be required to Deposit Security money amounting to 10% of the awarded value in the form of Bank Draft (in favour of “ CMPDI Ltd., Regional Institute, Singrauli” on any Nationalized Bank Payable at Jayant/Dudhichua/Morwa) within 15 days from the date of issuing letter of Intent. EMD deposited by the tenderer will be converted to Security money. Security money will be refunded to the tenderer within 30 days of satisfactory execution of contract.
12. In case, the tenderer fails to deposit Security money within the stipulated period, the order shall be cancelled and EMD money will be forfeited.
13. **EMD will be refunded** to the unsuccessful tenderers after finalization of the tender/ contract.
14. **Non- disclosure/Confidentiality Clause:**

The bidder will not any time during the pendency of contract or afterwards, disclose to any person any information as to documents, components, parts, information, drawings, data, sketches, plans, programs, specifications, techniques, processes, software, inventions and other material, both written and oral, of a secret , confidential or proprietary nature, including without limitations any and all information relating to finance, invention, research, design or developments of information system and any supportive or incidental subsystems, and any and all subject matter claimed in or disclosed by any patent application prepared or filed by or on behalf of CMPDIL, in any jurisdiction, and any amendments or supplements thereto. The bidder should understand that any breach of this clause would constitute a serious offence for which appropriate legal action may be taken to ensure the enforcement of confidentiality clause.

CMPDIL also desires that the bidder shall hold in trust and confidence, and not disclose to others or use for its own benefit of other, any Proprietary Information which is disclosed to the bidder by CMPDIL at any time during the agreement/ award of work/ execution of work and thereafter. The bidder shall disclose Proprietary Information received under the contract to person within its organization only if such persons (i) have a need to know and (ii) are bound in writing to protect the confidentiality of such Proprietary Information. This clause shall survive and continue after any expiration or termination of the contract and shall bind the contractor, its employees, agents, representatives, successors, heirs and assigns.

Purchase Officer

Annexure-I**Technical Format****(To be submitted in Envelope – I, duly filled in)**

1.Equipment Name: Colony Counter			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a	Display : 4 Digits, 9999 max. count	1 No	
b	Dish Size of diameter: 110 -120 mm		
c	Approx. Dimension: L 250-280 X B 300-320 X H 150-170 mm (approx.)		
d	Magnification: 1.7 -1.8x		
e	Operating Power: 230 V $\pm$ 10 V 50 Hz AC		
f	Marking Pen: 1 No. installed with instrument and two Nos. spares		
g	Magnifier lens I. Minimum 110 mm diameter II. Audible confirmation of each count III. Should have uniform glare free illumination		

2.Equipment Name: pH Meter			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a	Description: Light weight, Bench top, Sensitive microprocessor controlled digital pH meter with all accessories	1 No	
b	Size/weight : Lightweight, Portable		
c	Display: - LCD, simultaneous display of Temperature and pH - LCD display for the condition of electrode with warning display		
d	pH Range: 0.00 to 14.00		
e	Accuracy : $\pm$ 0.02 pH		
f	Resolution: 0.01 pH		
g	Calibration: Automatic 5 points calibration 1, 2 ,3,4 & 5 points calibration option at operator's desire for buffer values (pH 1.68 ,4.01,7.00,10.01&12.45) or user defined points		
h	Slope: 80 - 120%		
i	Electrode: Combined (glass/reference), composed of epoxy, Ag/AgCl		
j	Temperature Range: 0.0 to 105 °C		
k	Resolution: 0.1 °C		
l	Accuracy: $\pm$ 0.50 °C		
m	temperature compensation: Automatic		
n	Milli volt Range: $\pm$ 1999.9		
o	Accuracy: $\pm$ 0.2 mV		

p	Resolution: 0.1 mV		
q	Buttons / Keys: ON/OFF, pH/mV, CAL, ENTER, UP, DOWN Inputs : BNC, Temperature Probe, Power, Reference		
r.	Power: DC 5 V adaptors using 230 ± 10 V AC		
s.	Accessories : Power cord, Operation and service manual (2 copies each), Electrode stand (preferentially Flexible) , Beakers for calibration etc.		

3.Equipment Name: Vacuum Pump with Buchner Funnel			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate “Complied” or “Non Complied” as applicable)
A. Filter Holder		1 No	
a	Material: Porcelain Buchner funnel with fixed perforated plate, glazed both inside and outside with the exception of the top rim.		
b	Filter diameter :125 mm Inner dia		
c	Filtration Area : 122.7 cm2		
d	Funnel Capacity : Autoclavable Porcelain Body, 125 mm inner dia with 600 ml (Minimum) Capacity.		
e	Suction flask Capacity: 1.0 litre		
f.	Connections: Outer diameter of base outlet 10-15 mm.		
g	Operating pressure Vacuum only		
B. Vacuum Pump			
h	Type: Single phase motor with IP 44 type of protection, with carrying handle and sturdy rubber feet.		
i.	Vacuum: Should be adequate for smooth filtration of water/waste water. The pump should be an oil free pump/diaphragm with continuous heavy duty type.		
j.	Flow rate / Rating:15 LPM (Maximum) / 0.12 KW or I / 16 HP		
k.	Supply Voltage :230 ± 10 Volts, 50 Hz, Single phase AC		
l.	Operating Ambient Temperature : Ambient to 50 °C		
m	Accessories : Should be supplied complete with perforated Neoprene stopper, Vacuum hose pipes, stainless steel forceps, power cord with plug, toggle switch and operating manual with standard tool kit.		

4.Equipment Name: Hot Plate			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a.	General: General purpose hot plate with temperature controller cum indicator.	1 No	
b.	Case Structure: Steel epoxy coated case for structural strength to support heavy loads		
c.	Top Structure: Stainless Steel / Teflon coated top plate to resist physical abuse and thermal shock		
d.	Size :18"X 12"		
e.	Maximum Temperature: 300 °C		
f.	Operating Temperature: Ambient to 300 °C Selectable at any point		
g.	Temperature Control :Electrical temperature controller		
h.	Temperature uniformity: ± 10 °C		
i.	Temperature stability : ± 0.5 °C		
j.	Heating Element: Embedded long lasting nichrome heating elements (2 KW) transfer heat across the entire top plate surface		
k.	Accessories :Power cord ISI marked 2 meter each two sets with male and female plug		

5.Equipment Name: Microscope Binocular			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a	Microscope Stand: - It should have adjustment by vertical movement of the nosepiece by means of coaxial coarse and fine adjustment kinds. - Stage should be fixed. - Roller guide stroke (from the focal point on the stage surface)	1 No	
b	Mechanical Stage: Cross movement :Atleast 20 cm x 20 cm minimum Stage Area & Controls : - Traversing area 5 cm x 5 cm with low positioned Coaxial control knobs, - Provision for accommodation of various culture vessels and specimen holders, sadgwick rafter counter, slides of various dimensions, watch glass etc.		
c	Illumination: Light source: Halogen bulb 12 V, 50 Watt with bulb cantering device and light intensity control Filter holder: Provision for 4 flip-up filter holders green, light blue interference filter and frosted filter Condenser Holder :It should be Flip-up or swing out type		
d	Observation System: Light path for photomicrography, 3 setting positions, linked with focusing reticles for observation tube, 35 mm camera & multi-		

	tube mounting part - Binocular tube inclined 45 °C inter papillary distance adjustment from 55 mm to 75 mm constant tube lense - Eyepiece :WF 10x & WF 15x - Multi tube light path, provision for photomicrographic equipment directly as well as the multi-tube attachment - Ocular: With Diapotric Adjustment for Eye Power - Interpupillary: Sliding Adjustment for eye to eye distance - Nosepiece: Quadruple revolving with positive centering & click stops		
e	Condenser: Movable Condenser Abbe Type NA 1.25 w Diaphragm & Filter Holder		
f.	Filters: Darkfield attachment & Bluefilter		
g	Objectives: SEMI PLAN Achromatic 4x, 10x, 40x Spring Loaded, 100x OIL SL		
h	Camera: CMOS high speed 5 Mega Pixels w 0.5x eduction Lens		

6.Equipment Name: Conical Flask Shaker			
Sl No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a	Description: Conical Flask Shaker for permanent and energetic shaking of liquid material contained in bottles, flasks, measuring cylinders etc. to ensure mixing and dissolution of substance.	1 No	
b	Flask Holding Capacity: 12 Nos		
c	Shaking motion: Horizontal shaking top tray with to-and-fro (reciprocating) action		
d	Speed: Variable and electronically controlled speed adjustment with 150 to atleast 250 shaking strokes per minute.		
e	Speed indication: Digital		
f.	Operation: Simple and continuous operation with timer providing pre-selection upto atleast 60 minutes or infinity		
g	Housing :Should be resistant to aggressive liquids		
h	Mounting Unit: Mounting unit should be adjustable for shaking 50 ml to 500 ml Erlenmeyer flasks, volumetric or other flasks, reagent bottles etc.		
i.	Power Requirement :230 ± 10 V, 50 Hz AC		
j.	Accessories To be supplied complete with power cable, plug and operation manual		

7.Equipment Name: Air Pump			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a	PRESSURE:0.02-0.03MPa	1 No	
b	Air OUTPUT:0.038-0.045m3/min		
c	DIA.OF OUTLET:10mm		
d	Power Requirement :230 ± 10 V, 50 Hz AC		

8.Equipment Name: Electrical Heater for Distillation Set			
SI No	Specification	Quantity	BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable)
a.	Operating Temperature: 400-450°C	1 No	
b.	Heating Mantle and Controller in one unit.		
c.	Polypropylene Housing.		
d.	Flexible Heating element is suspended within a thermal insulated 'Former' to provide maximum heat transfer with minimum risk of flask breakage.		
e.	The element should be supplied as a complete cartridge from quick and simple replacement and has maximum attainable temperature of 450°C		
f.	The insulating 'Former' should ensure safe, low outer case temperature .Outer housing should be constructed of chemical resistant and resilient polypropylene materials.		
g.	The module should be incorporated the safety screw. This preformed stainless steel screen should be fitted above the heating element and grounded directly to the supply cable , provided additional protection from spills or broken flask.		
h.	Features :- - Built in energy regulator with an arbitrary scale. - Heater on and heater off indicator light and an internal fuse. - Should support 500ml capacity round bottom flask.		
i.	Power Requirement :230 ± 10 V, 50 Hz AC		
j.	Accessories To be supplied complete with power cable, plug and operation manual		

Note :

- 1) All the terms & condition of NIT ref. CMPDI/RI-6/E&M/Purchase/2016-17/41 dated: 10/08/2016 is acceptable to us.

Signature:

For & on Behalf of
M/S.....
(Firm's name & stamp)

Note:-Any cutting or correction should be duly signed.

DECLARATION
(To be submitted in Envelope – I)

**TENDERERS, WHO HAVE DOWNLOADED THIS TENDER DOCUMENT FROM
CMPDIL/GOVT. WEBSITE**

This is to certify that I/we have downloaded this tender document from CMPDIL/Govt. Website and I/we am/are submitting the same without tampering at any page. Further, I/we understood that in the event of such tampering is detected at any stage or any time, CMPDIL have got right to reject/terminate my/our offer/work, forfeit the EMD/Security deposit submitted by me/us and my/our firm can be blacklisted.

Signature of the Bidder
with seal and date

Annexure-III**PRICE BID****(To be submitted in Envelope – II, duly filled in)**

Sl. No.	Particulars	Quantity (Nos.)	Make	Rate (In Rs.)	Amount (In Rs.)
1	Colony Counter Technical Specification as per Annexure-I of NIT	1 Nos			
2	pH Meter Technical Specification as per Annexure-I of NIT	1 Nos			
3	Vacuum Pump with Buchner Funnel Technical Specification as per Annexure-I of NIT	1 Nos			
4	Hot Plate Technical Specification as per Annexure-I of NIT	1 Nos			
5	Microscope Binocular Technical Specification as per Annexure-I of NIT	1 Nos			
6	Conical Flask Shaker Technical Specification as per Annexure-I of NIT	1 Nos			
7	Air Pump Technical Specification as per Annexure-I of NIT	1 Nos			
8	Electrical Heater for Distillation Set Technical Specification as per Annexure-I of NIT	1 Nos			
1.TOTAL (In Rs.)					
2.REBATE ,IF ANY (In Rs.)					
3.TAX (In Rs.)					
4. EXCISE DUTY (In Rs.)					
5. DELIVERY CHARGES (IF ANY) (In Rs.)					
6. TOTAL – F.O.R CMPDI-RI-6 (In Rs.)					
Total Amount in words :					
7. C.S.T. / M.P.S.T No. :					
8. Validity :					

Note: - All the terms & condition of NIT ref. CMPDI/RI-6/E&M/Purchase/2016-17/41 dated: 10.08.2016 is acceptable to us.

Signature:

For & on Behalf of
M/S.....
(Firm's name & stamp)

Note:-Any cutting or correction should be duly signed.