



cmpdi
A Mini Ratna Company

सेन्ट्रल माईन प्लानिंग एण्ड डिजाइन इन्स्टीचूट लिमिटेड
(कोल इंडिया लिमिटेड की अनुषंगी कम्पनी/भारत सरकार का एक लोक उपक्रम)
क्षेत्रीय संस्थान-6, जयन्त कोलियरी- 486 890, सिंगराली (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, फैक्स FAX: (07805) 222330: ई- मेल :ri6@cmpdi.co.in
CMPDI Ltd. Registered Office : Gondwana Place, Kanke Road, Ranchi – 834031

TENDER DOCUMENT
FOR
Supply of DSLR Camera.

Tender No: CMPDI/RI-6/ENV/6/2334

Date: 14.12.2016

No. of pages: 11 (Eleven)

To

M/s. _____

Signature of issuing officer



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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 DSLR Camera.
Estimated cost	Rs. 61,995.00
Tender Document Fee	Rs. 100.00
Issue of Tender Documents	Begins on 14.12.2016 & Closes on 02.01.2017 .
Last date of submission of sealed tenders	02.01.2017 up to 3.00 PM.
Schedule date and time of opening of Envelope-I (Technical bid)	02.01.2017 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 **HOD (Environment), 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/in-accessibility 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-I)** 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 tender fee 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) Duly filled in make/ model in the format as indicated in this tender document **Annexure-I**.
- v) **Declaration** as per **Annexure – II**, duly signed with seal, in case, tender documents have been downloaded.
- vi) **Bank details:** 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, E & M 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 **02.01.2017** 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.

HOD (Environment)
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 Lal Mani ,Dy.Manager(Geo.)
 - ii) Shri Prateesh V. Parolical , AM (Env.)
 - iii) Shri .Mohit Agarwal, AM (Finance)/

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 bidder is required to quote for all the items. The lowest bidder will be decided on the basis of lowest price bid for total 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 and 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 45 days, 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. **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.

HOD (Environment)
CMPDI, RI-6, Jayant

Annexure-I

Technical Format

(To be submitted in Envelope – I, duly filled in)

Technical Specification of DSLR Camera		BIDDER'S RESPONSE: (Bidder shall indicate “Complied” or “Non Complied” as applicable)
Type		
Type	Digital, single-lens reflex, AF/AE camera with built-in flash	
Recording media	SD memory card, SDHC memory card, SDXC memory card * Compatible with UHS-I to 4	
Image sensor size	Approx. 22.3 x 14.9mm	
Compatible lenses	Electro-Focus lenses	
Lens mount	Electro-Focus mount	
Image Sensor		
Type	CMOS sensor	
Effective pixels	Approx. 17 - 18.00 megapixels	
Aspect ratio	3:2	
Dust delete feature	Auto, Manual, Dust Delete Data appending	
Recording System		
Recording format	Design rule for Camera File System (DCF) 2.0	
Image type	JPEG, RAW (14-bit Canon original) RAW+JPEG Large simultaneous recording possible	
Recording pixels	L (Large): M (Medium): S1 (Small 1): S2 (Small 2): S3 (Small 3): RAW:	Approx. 17.5-17.90 megapixels (5184 x 3456) Approx. 7.8-8.00 megapixels (3456 x 2304) Approx. 4.2-4.50 megapixels (2592 x 1728) Approx. 2.3-2.50 megapixels (1920 x 1280) Approx. 340,400-350,000 pixels (720 x 480) Approx. 17.8-17.90 megapixels (5184 x 3456)
Image Processing During Shooting		
Picture style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome	
Basic+	Ambience-based shots, Light / scene-based shots	
White balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White balance correction and white balance bracketing features provided * Flash colour temperature information transmission enabled	
Noise reduction	Applicable to long exposures and high ISO speed shots	
Auto image brightness correction	Auto Lighting Optimizer	
Highlight tone priority	Provided	
Lens peripheral illumination correction	Peripheral illumination correction, Chromatic aberration correction	
Viewfinder		
Type	Eye-level pentamirror	
Coverage	Vertical / Horizontal approx. 92-95% (with Eye point approx. 19mm)	
Magnification	Approx. 0.84-0.85x (-1m ⁻¹ with 50mm lens at infinity)	
Eyepoint	Approx. 19mm (from eyepiece lens center at -1m ⁻¹)	
Built-in dioptic adjustment	Approx. -3.0 - +1.0m ⁻¹ (dpt)	
Focusing screen	Fixed, Precision Matte	
Mirror	Quick-return type	
Depth-of-field preview	Should be Provided.	
Autofocus		

Type	TTL secondary image-registration, phase detection	
AF points	Nine cross-type AF points (Cross-type AF sensitive to f/2.8 with center AF point)	
Focusing brightness range	EV -0.5 - 18 (center AF point, at 23°C / 73°F, ISO 100)	
AF operation	One-Shot AF, AI Servo AF, AI Focus AF	
AF-assist beam	Small series of flashes fired by built-in flash	
Exposure Control		
Metering modes	63-zone TTL full-aperture metering (1) Evaluative metering (linked to all AF points) (2) Partial metering (approx. 9% of view finder at center) (3) Spot metering (approx. 4% of view finder at center) (4) Center-weighted average metering	
Metering brightness range	EV 1 - 20 (at 23°C / 73°F with EF50mm f/1.8 II lens, ISO 100)	
Exposure control	Program AE (Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Special scene (Night Portrait, Handheld Night Scene, HDR Backlight Control), Program), Shutter-priority AE, Aperture-priority AE, Manual exposure	
ISO speed (Recommended exposure index)	Basic Zone modes*:	ISO 100 - ISO 6400 set automatically *Portrait: ISO 100, Handheld Night Scene: ISO 100 - ISO 12800 set automatically
	Creative zone modes:	ISO 100 - ISO 12800 set manually (with stop increments), ISO 100 - ISO 6400 set automatically, maximum ISO speed settable for ISO Auto, or ISO expansion to "H" (equivalent to ISO 25600)
Exposure compensation	Manual:	±5 stops in 1/3- or 1/2-stop increments
	AEB:	±2 stops in 1/3- or 1/2-stop increments (Can be combined with manual exposure compensation)
AE lock	Auto:	Applied in One-Shot AF with evaluative metering when focus is achieved
	Manual:	With AE lock button
Shutter		
Type	Electronically-controlled, focal-plane shutter	
Shutter speeds	1/4000sec. to 30secs. (Total shutter speed range. Available range varies by shooting mode.), Bulb, X-sync at 1/200sec.	
Flash		
Built-in flash	Retractable, auto pop-up flash	
	Guide No.:	Approx. 13/43 (ISO 100, in meters/feet)
	Flash coverage:	Approx. 17mm lens angle of view
	Recycling time approx. 3secs.	
	Wireless master function provided	
External flash	Flash functions settable with the camera	
Flash exposure compensation	±2 stops in 1/3- or 1/2-stop increments	
FE lock	Provided	
PC terminal	None	
Drive System		
Drive mode	Single shooting, continuous shooting, self-timer with 10-secs. or 2-secs. delay and 10-secs. delay with continuous shooting	
Continuous shooting speed	Max. approx. 5.0 shots/sec.	
Max. burst (Approx.):	JPEG Large / Fine:	22 (30) shots
	RAW:	6 (6) shots
	RAW + JPEG Large / Fine:	3 (3) shots
Live View Shootings		
Aspect ratio settings	3:2, 4:3, 16:9, 1:1	
Focusing	Hybrid CMOS AF System* (Face+Tracking, FlexiZone-Multi, FlexiZone-Single), Phase-difference detection (Quick mode) Manual focusing (approx. 5x / 10x magnification possible) * Focusing brightness range: EV 1 - 18 (at 23°C / 73°F, ISO 100)	
Continuous (pre) AF	Provided	
Touch shutter	Provided	

Metering modes	Real-time metering with image sensor Evaluative metering (315 zones), Partial metering (approx. 8.8% of Live View screen), Spot metering (approx. 2.8% of Live View screen), Center-weighted average metering	
Metering brightness range	EV 0 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Creative filters	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Miniature effect	
Grid display	Two types	
Movie Shooting		
Recording format	MOV	
Movie	MPEG-4 AVC / H.264 Variable (average) bit rate	
Audio	Linear PCM	
Recording size and frame rate	1920 x 1080 (Full HD):	30p / 25p / 24p
	1280 x 720 (HD):	60p / 50p
	640 x 480 (SD):	30p / 25p
	* 30p: 29.97 fps, 25p: 25.00 fps, 24p: 23.98 fps, 60p: 59.94 fps, 50p: 50.00 fps	
File size	1920 x 1080 (30p / 25p / 24p):	Approx. 330 MB/min.
	1280 x 720 (60p / 50p):	Approx. 330 MB/min.
	640 x 480 (30p / 25p):	Approx. 82.5 MB/min.
Focusing	Hybrid CMOS AF System* (Face+Tracking, FlexiZone-Multi, FlexiZone-Single) Manual focusing (approx. 5x / 10x magnification possible) * Focusing brightness range: EV 1 - 18 (at 23°C / 73°F, ISO 100)	
Metering modes	Center-weighted average and evaluative metering with the image sensor * Automatically set by the focusing mode	
Servo AF	Provided	
Metering brightness range	EV 0 - 20 (at 23°C / 73°F with EF50mm f/1.4 USM lens, ISO 100)	
Exposure control	Program AE for movies and manual exposure	
Exposure compensation	±3 stops in 1/3-stop increments (Still photos: ±5 stops)	
ISO speed (Recommended exposure index)	Auto ISO range	ISO 100 - ISO 6400 set
	Manual ISO range	ISO 100 - ISO 6400 set automatically / manually, expandable to H (equivalent to ISO 12800)
Video snapshots	Settable to 2 secs. / 4 secs. / 8 secs.	
Sound recording	Built-in stereo microphone External stereo microphone terminal provided Sound recording level adjustable, wind filter provided, attenuator provided	
Grid display	Two types	
LCD Monitor		
Type	TFT color liquid-crystal monitor	
Monitor size and dots	Wide, 7.7cm (3.0-in.) (3:2) with approx. 1.04 million dots	
Angle adjustment	Possible	
Brightness adjustment	Manual (7 levels)	
Interface languages	25	
Touch screen technology	Capacitive sensing	
Feature guide	Displayable	
Playback		
Image display formats	Single-image display, Single-image + Info display (Basic info, shooting info, histogram), 4-image index, 9-image index	
Zoom magnification	Approx. 1.5x - 10x	
Highlight alert	Overexposed highlights blink	
Image browsing methods	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating	
Image rotate	Possible	
Ratings	Provided	
Movie playback	Enabled (LCD monitor, video / audio OUT, HDMI OUT), Built-in speaker	

Image protect	Possible	
Slide show	All images, by date, by folder, by movies, by stills, by rating Five transition effects selectable	
Background music	Selectable for slide shows and movie playback	
Post-Processing of Images		
Creative filters	Grainy B/W, Soft focus, Fish-eye effect, Art bold effect, Water painting effect, Toy camera effect, Miniature effect	
Resize	Possible	
Direct Printing		
Compatible printers	PictBridge-compatible printers	
Printable images	JPEG and RAW images	
Print ordering	DPOF Version 1.1 compatible	
Custom Functions		
Custom functions	8	
My menu registration	Possible	
Copyright information	Entry and inclusion possible	
Interface		
Audio / video OUT / Digital terminal	Analog video (compatible with NTSC / PAL) / stereo audio output Personal computer communication and direct printing (Hi-Speed USB equivalent), GPS Receiver GP-E2 connection	
HDMI mini OUT terminal	Type C (auto switching of resolution), CEC-compatible	
External microphone IN terminal	3.5mm diameter stereo mini-jack	
Remote control terminal	For Remote Switch	
Wireless remote control	Remote Controller	
Eye-Fi card	Compatible	
Power		
Battery	Battery Pack (Qty 1) * AC Power can be supplied via Adapter Kit * With Battery Grip attached, size-AA / LR6 batteries	
Battery Life	With view finder shooting:	Approx. 440 shots at 23°C / 73°F Approx. 400 shots at 0°C / 32°F
	With Live View shooting:	Approx. 180 shots at 23°C / 73°F Approx. 150 shots at 0°C / 32°F
	Movie shooting:	Approx. 1hr. 40mins. at 23°C / 73°F Approx. 1 hr. 20 min. at 0°C / 32°
Operation Environment		
Working temperature range	0°C - 40°C / 32°F - 104°F	
Working humidity	85% or less	

Note :

1) All the terms & condition of NIT ref. Tender No: CMPDI/RI-6/ENV/6/2334 Date: 14.12.2016 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 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)**

SI No	Specification	Units	Quantity	Make	Price (In Rs.)	Amount (In Rs.)
1	DSLR Camera (Technical Specification as per Annexure-I of NIT)	Nos	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. :						

Note: - All the terms & condition of NIT ref. Tender No: CMPDI/RI-6/ENV/6/2334

Date: 14.12.2016 is acceptable to us.

Signature:

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

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