



## वेस्टर्न कोलफील्ड्स लिमिटेड

(भारत सरकार का उपक्रम)

(मिनिरात्र कंपनी)

महाप्रबंधक (पर्यावरण) का कार्यालय

Website:westerncoal.nic.in

CIN:U10100MH1975GOI018626

## Western Coalfields Ltd.

(A Govt. Of India Enterprise)

(A Miniratna Company)

Office of the General Manager (Environment)

E-mail:gmenvironment@westerncoal.gov.in

पंजीकृत कार्यालय: कोल एस्टेट, सिविल लाइन्स, नागपुर - ४४० ००१  
Regd. Office.: Coal Estate, Civil Lines, Nagpur - 440 001.

टेली फ़ैक्स क्रमांक - 0712-2510151

Tele Fax No - 0712 2510151

Ref. No: WCL/ENV/HQ/ 17-AU/ 237

Date: 23.09.2015

**BY FAX /SPEED POST**

To,  
The Director  
CSIR - NEERI,  
Jawaharlal Nehru Marg,  
Nagpur - 440020

**Sub:-** Award of Work for "Study for assessment of surface & sub-surface water regime by NEERI in the command area of coal projects of WCL with special reference to Wardha Valley Coalfields".

- Ref:-
1. MOU Target for Environment Department for the Year 2015-16 circulated vide letter no. WCL/GM (CA)/NGP/MoU/2015-16/120 dated 19.08.2015.
  2. GM – Environment - WCL e- mail dated 22.06.2015.
  3. Project proposal from CSIR – NEERI vide its e- mail dated 04.09.2015.
  4. GM – Environment - WCL e- mail dated 05.09.2015.
  5. Reply from CSIR – NEERI vide its e – mail dated 07.09.2015.

Dear Sir,

This is to communicate the approval of the Competent Authority of WCL to award the subject work to CSIR – NEERI, Nagpur at the offered rate of **Rs. 17,10,000.00 (Rupees Seventeen Lakhs ten thousand only) inclusive of Service Tax.**

The detail objectives of the subject study are as follows :

- Assessment of hydro geological characteristics of the study area to establish the depth to water (DTW) table and ground water development potential with respect to season and current status of GW development.
- Assessment of impact of seepage of ground into DTW of mines and its impact on the water levels of the surrounding wells or other water bodies, particularly the effects during summer season.
- Study on the effect of pumping out of the water from mines in terms of the ground water levels and any pollution causing to surface/subsurface water bodies w.r.t. to quality of water pumped out from mines
- Comparison of hydro-chemical aspects and water quality parameters for mine-water, surface well water and bore well water in the study area.

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23/9/15

- Estimating the water budget of the mine area including drought patterns, annual flows in the rivers and streams, water quality, existing water wells etc. through available records. The proposed water management planning to be delineated
- Environmental base line to be established with respect to current period.

**The terms and conditions for the above subject work are as follows:**

1. Scope of the project:

- The entire study will be restricted to command area of WCL for Wardha Valley region.
- The study by NEERI will be based on secondary data.
- Any primary data collection in addition to the available secondary data is not included in the scope of the study and will be generated separately by WCL if required.

2. A detailed methodology will be proposed in the inception report to be submitted within one month from the award of the subject work to NEERI.

3. Submission of Final Report : 5 hard copies and 1 soft copy of the Final report shall be submitted by 31.12.2015.

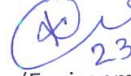
4. Total Cost of the subject work is Rs. 15,00,000.00 (Excluding Service Tax) and Rs. 17,10,000.00 (including Service Tax @14 %)

5. Payment terms:

- First Installment of 50% of the cost shall be made with project sanction
- Second installment of 50% shall be made within one month from the date of submission of draft report by NEERI to WCL.

Please acknowledge the receipt of this Work Order by returning duly signed duplicate copy of the same.

Yours faithfully,

  
23/9/15

General Manager (Environment) / HOD

Copy to :

1. Director (Tech.) Oprn., WCL – for kind information please.
  2. Director (Tech.) P & P, WCL – for kind information please.
  3. General Manager (Fin.) I/c – I, WCL (HQ)
  4. General Manager (Fin.) I/c – II, WCL (HQ)
- } against BC No. BC/WCL/Rev/GM (Env)/2015–16/For  
Statutory Compliance/ 01/01/81 for Rupees  
Seventeen Lakhs ten thousand only - dtd. 16/09/2015.
5. Area General Manager – Ballarpur/ Chandrapur/ Majri/ Wani & Wani North Area.