



केवल नागपुर कोर्ट के अधिकार क्षेत्र में

वेस्टर्न कोलफील्ड्स लिमिटेड
Western Coalfields Limited
(मिनीरल कंपनी) (A Miniratna Company)
(कोल इंडिया लि. की अनुषंगी कंपनी)
(A Subsidiary of Coal India Limited)

पर्यावरण विभाग

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Environment Department

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पंजी. का. : कोयला विहार, सिविल लाइन्स, नागपुर (महाराष्ट्र) - 440001/ Regd. Off. : Coal Estate, Civil Lines, Nagpur (MS) - 440001

संदर्भ संख्या: वेकोलि/ मुख्यालय/ पर्यावरण/ 16-Q/ 10

दिनांक: 05.02.2021

To,
The Director General,
Indian Council of Forestry Research and Education,
P.O. New Forest,
Dehradun - 248 006

Kind Attention – Dr. Sudhir Kumar, DDG (Extension), ICFRE, Dehradun

Subject: Award of Work for “ Ecological study for Umrer OC and Niljay OC mines of WCL ”

Reference:

1. Email dated 25.11.2020 & 08.12.2020 from WCL for soliciting offer from ICFRE, Dehradun
2. Email dated 17.12.2020 from ICFRE, Dehradun submitting offer for the subject work
3. E-mail dated 23.12.2020 from ICFRE, Dehradun submitting revised payment schedule for the subject work.

Sir,

This is to communicate the approval of the Competent Authority of WCL to award the work for “Ecological study for Umrer OC and Niljay OC mines of WCL”, in order to comply the directives of Ministry of Coal and Coal India Ltd., to M/s Indian Council of Forestry Research and Education, Dehradun at the offered rate of **Rs 43,94,320/- including GST @18%** [Rs 37,24,000 + GST @18% - Rs 6,70,320) (Rupees forty three lakhs, ninety four thousand, three hundred and twenty rupees only including GST at eighteen percent) on nomination basis.

The detailed objectives of the subject study are as follows:

1. Ecological study for Umrer OC (WCL Umrer Area, Nagpur District, Maharashtra) and Niljay OC (WCL Wani Area, Yavatmal District, Maharashtra) mines of WCL

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

1. **Scope of the work:** Scope of work includes ecological studies wrt Umrer and Niljai OC coal mines of WCL in the state of Maharashtra. The study will include the following:
 - i. Delineation and characterization of the mine lease landscape for ecological study.

5/2/2021

3/1/21
15-02-2021

- ii. Assessment of plantations at biologically reclaimed areas (like external and internal dumps and backfilled areas), greenbelts and other afforestation sites for survival and growth attributes.
- iii. Biodiversity (terrestrial floral and faunal groups) enrichment study in reclaimed areas, green belts, avenue plantation and other afforestation sites.
- iv. Biodiversity study in natural vegetation in unbroken area, if any, in the mine lease.
- v. Aquatic diversity study in natural drainage and sumps (water bodies), if any, in the mine lease and it's surrounding.
- vi. Study on soil nutrient and soil microorganisms from the biologically reclaimed sites.
- vii. Study on efficacy of mitigation measures implemented for reclamation of mined area.
- viii. Study on the impact of reclamation on the management of soil erosion and water quality from the mine lease.
- ix. Recommendation for further improvement in the ecology of the mining area.

2. **Deliverables** : 3 nos. of hard copies and a soft copy of the Final report shall be submitted.

3. **Total Cost of the subject work** is Rs 43,94,320/- including GST @18% [Rs 37,24,000 + GST @18% - Rs 6,70,320) (Rupees forty three lakhs, ninety four thousand, three hundred and twenty rupees only including GST at eighteen percent)

4. **Total time for completion of the job** – The time schedule for completing the task will be 12 months from the receipt of 1st instalment.

5. **Payment terms**: The paying authority will be General Manager (Finance), WCL-HQ, for the said work.

Sl.No	Work Attributes	Installment No.	% of Instalment
1	Acceptance of proposal and award of study	1st	50
2	On the submission of draft report based on three seasons study	2nd	40
3	On the submission of Final report	3rd	10

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

Yours faithfully,

General Manager (Min) / HOD (Environment)

Copy to:

1. Area General Manager – Umrer Area, Wani Area.
 2. General Manager (Fin.) I/c -I, WCL (HQ)
 3. General Manager (Fin.) I/c -II, WCL (HQ)
- } against BC No: WCL/REV/GM-ENV/2020-21/BASELINE DATA GENERATION/01/01/97
Dated, 04.02.2021 for Rs.43,94,320/- only
4. TS to Director (Tech.) Oprn., WCL - for kind information to Director (Tech) Oprn, WCL
 5. TS to Director (Tech.) P&P, WCL - for kind information to Director (Tech) P&P, WCL