



Environmental Research and Services (India) Pvt. Ltd.

(An ISO/IEC 17025 : (NABL) Accredited Laboratory, OSPCB Empanelled Laboratory and ISO 9001 : 2015 Certified Company)



Plot No: B-22, Sector-B, Industrial Estate Chandaka, Infocity Road, Bhubaneswar-751024, Odisha
Tel: +91-9437143248, +91-9937690329, E-mail: ersibbsr@gmail.com

Ref. No. ERSIPL/ ES & GA/SMASL/2019-05-01/.....

Date..... 28 May 2019

To
The Vice President,
Sainik Mining And Allied Services Limited,
At-Kalamegha, Hemgir Tehsil,
Sundargarh – Odisha

Sub. : Annual contract work order for Regular (monthly/quarterly/bi-annually/annually) monitoring of the environmental parameters within and surrounding are (core zone & buffer zone) of Dulanga open cast Coal Mining project of M/s NTPC Limited at Majhapara, district Sundergarh, Odisha. **Report & Bill for May-2019**

Ref. : Work Order No- SMASL/DCMP/EMD/WO/18/01 dated 12/06/2018.

Dear Sir,

With reference to the above we are enclosing here with the following documents to you regarding Monthly Monitoring for your kind reference and need full action please.

- Ambient Air Quality Monitoring and Analysis Report for the month of **May-19**(fortnightly).
- Surface Water Sample Analysis Report for the month of **May-19**.
- Ground Water Sample Analysis Report for the month of **May-19**.
- Noise Level Measurement Report for the month of **May-19**(fortnightly).
- Bill No. G-26/19-20 dated 28 May 2019 for Rs.98,333.00 (Rupees Ninety Eight Thousand Three Hundred Thirty Three) only towards monthly charges for the month of **May-19**.

Kindly acknowledge the receipt of the same and release the payment at the earliest. Your kind cooperation on the subject is appreciated.

Thanking you,

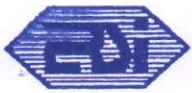
Yours truly,

for Environmental Research and Services (India) Pvt. Ltd.

Arendhati Singh

(Managing Director)

Encl: As above



Environmental Research and Services (India) Pvt. Ltd.

TAX INVOICE

FOR: Environmental Testing/Consultancy **DATE:** May 28, 2019
INVOICE # G-26/19-20

BILL TO: Sainik Mining And Allied Services Limited,
At-Kalamegha, Hemgir Tehsil,
Sundargarh – Odisha

GSTIN-21AAACS2791P1Z3

Your WO No.SMASL/DCMP/EMD/WO/18/01 dated 12/06/2018

DESCRIPTION	AMOUNT (in Rs.)
<i>Annual contract work order for Regular (monthly/quarterly/bi-annually/annually) monitoring of the environmental parameters within and surrounding are (core zone & buffer zone) of Dulanga open cast Coal Mining project of M/s NTPC Limited at Majhapara, district Sundergarh, Odisha</i>	
MONTH OF MONITORING:- MAY-2019	
a) Running Bill for the month of MAY-19 , as per clause No.(A), Sl No.4(b) of Payment terms with reference to the above WO	83,333.00
Sub-Total-1	83,333.00
b) SGST @ 9.0% on Sub-Total-1	7,500.00
c) CGST @ 9.0% on Sub-Total-1	7,500.00
SAC CODE-998393	
GSTIN- 21AAACE6224D1ZE.	
PAN NO-AAACE6224D	
Company's Bank Details:-	SUBTOTAL 98,333.00
Bank Name- STATE BANK OF INDIA	OTHER -
A/c No- (Current Ac) 32263264309	TOTAL 98,333.00
IFS/NEFT/RTGS Code- SBIN0003313	

E & OE

Rupees NinetyEight Thousand Three Hundred ThirtyThree Only

for Environmental Research and Services (India) Pvt. Ltd





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Tel: +91-9937690329, E-mail: ersibbsr@gmail.com

ULR-TC7440180-00000365P

Test Report Format No.: ERSIPL/FM/37

TEST REPORT (AMBIENT AIR)

Pg No: 1 of 1

Date: 28 May 2019

Test Report No: ERSIPL/TR/AA/181

Name and Address of the Customer : Dulanga Coal Mine of M/s NTPC Limited in Sundargarh district, Odisha.
Sample Collected by : Representative of ERS (I) Pvt. Ltd.
Sample Collected in presence of : Representative of Client.
Date of Sampling/Monitoring : 02-03.05.2019
Sample Received on : 14.05.2019
Analysis Started on : 17.05.2019
Analysis Completed on : 25.05.2019
Method of Sampling : As per guidelines for sampling & measurement of notified AAQ parameters (NAAQS 2009)-CPCB
Quantity of Sample : 01 sample for each parameter
Environment Condition : Cloudy, Temp-39⁰C/28⁰C

Sample ID. No.

Locations (Core Zone)

1. ERSIPL/AA/1508
2. ERSIPL/AA/1509
3. ERSIPL/AA/1510
4. ERSIPL/AA/1511

1. Near Site Office (NTPC), Kapurikachhar
2. Near Village Dulanga
3. Near Village Beldihi
4. Near Village Majhapara

Sl. No	Test Parameters	Test method	Unit	Permissible Limit as per NAAQ Standards CPCB Nov-2009	Results			
					ERSIPL/AA/1508	ERSIPL/AA/1509	ERSIPL/AA/1510	ERSIPL/AA/1511
1	Suspended Particulate Matter (SPM)	IS: 5182 (Part 4)- 1999, Reaffirmed 2014, Gravimetric Method	µg/m ³	xx	196.62	204.94	217.29	284.33
2	Particulate Matter (size less than 10 µm) or PM 10	IS 5182 (Part 23): 2006, Reaffirmed -2017, Gravimetric Method	µg/m ³	100.0	70.18	69.31	70.98	80.38
3	Particulate Matter (size less than 2.5 µm) or PM 2.5	ERSIPL/SOP/01 Issue No:03, Revision Date: 01.02.2019	µg/m ³	60.0	32.97	28.88	34.81	31.37
4	Sulphur Dioxide (SO ₂)	IS 5182 (Part 2): 2001, Reaffirmed-2017, Improved West & Gaeke Method	µg/m ³	80.0	6.58	7.95	7.18	7.79
5	Oxides of Nitrogen (NO _x)	IS 5182 (Part 6): 2006, Reaffirmed -2017	µg/m ³	80.0	10.14	13.76	12.91	11.15
6	Carbon Monoxide (CO)	By CO Monitor	mg/m ³	2.0	<1.14	<1.14	<1.14	<1.14

(Authorized Signatory)

S.P.Pattanayak
Tech.Manager

.....END OF TEST REPORT.....

