

GEOTREAT

COMPANY PROFILE



83/46, Dum Dum Road, Kolkata-700074

☎ (033)2548-5308

E-mail: amit.geotreat@gmail.com/geotreat@rediffmail.com



**We Offer
Specialized Services in
Civil
&
Foundation**



-:ServicesOffered:-

• Geotechnical Investigation:

- ✓ Land & marine boring through soil & rock.
- ✓ In-situ test and sampling of oil, water and gas.
- ✓ Field supervision and consultancy for large and important geotechnical investigation.
- ✓ Soil tests for road projects.
- ✓ Corrosivity study underground pipeline routes etc.

• Laboratory Testing:

- ✓ Identification and shear strength of soil samples.
- ✓ Swelling, compaction, consolidation properties of soil samples.
- ✓ Preparation, identification, strength and erodibility test on rock samples.
- ✓ Chemical test on soil and water.

• Material Testing:

- ✓ Cement, aggregate, timber.
- ✓ Cube tests, Mix design.
- ✓ Premix macadam.

• Design:

- ✓ Design of foundation.
- ✓ Design of embankment and deep excavation.
- ✓ Computer-aided design.
- ✓ Sand wicks, preloading, sand pad foundations.

• Report Preparation:

- ✓ Factual reporting.
- ✓ Detailed treatises on choice of foundation.
- ✓ Recommendations.

• Survey:

- ✓ Route survey for transmission lines.
- ✓ Topographical and contour survey for industrial projects.
- ✓ Control survey during construction.
- ✓ Preparation of as-built drawing.



- **Resistivity Survey:**

- ✓ Resource survey.
- ✓ Groundwater survey.
- ✓ Vertical electric profiling.

- **Pile Foundation:**

- ✓ Design of piles.
- ✓ Construction of bored
- ✓ Cast-in-situ RCC piles.
- ✓ Large diameter piles for Waterfront structures.
- ✓ Load test.
- ✓ Quality control & Supervision of piling work.

- **Ground Improvement:**

- ✓ Design & installation of Sand drains, Sand Wicks.
- ✓ Grouting in rock, soil, building basements.
- ✓ Design & construction of stone column.
- ✓ Piling for compaction.

- **Special Construction:**

- ✓ Construction of Contiguous bored pile wall.
- ✓ Construction of slurry trench.
- ✓ Construction of jetty on bored piles.
- ✓ Rock bolting, Anchoring, Guniting.

- **Restoration of structure & water proofing:**

- ✓ Study and analysis of cause of distress to any structure.
- ✓ Undertake restoration Work.
- ✓ Load testing of Restored structure.
- ✓ Underpinning.
- ✓ Roof Treatment using advanced/modern construction chemicals.



GEOTREAT

GEOTREAT, a proprietary firm was founded in **1993** by **Sri. A.Chatterjee** a **Geotechnical Engineer** with above **40 years** of experience in the related field. By constant support of the industry and business houses e.g., **Larsen & Toubro Ltd; Bridge & Roof Co. (I) Ltd.; Gammon India Ltd.; HSCL; BHEL etc. and Government. Departments e.g., C.P.W.D.; P.W.D. (W.B.); West Bengal Housing Board; West Bengal State Electricity Distribution Co.Ltd.; Eastern Rly.; All India Radio; Telecom dept.; Indian Oil Corporation Ltd.; etc.** the firm has grown to a size which can handle jobs involving Rs.4.00 crores or more. The company now boasts of a team of committed technical personnel and other staff, specialized in the respective branches of Geotechnical engineering, supported by a large number of associates and competent vendors. All that now a client has to do is hand over the site in proper condition, make timely payment and watch **GEOTREAT** turn out quality work, right on schedule. The firm enjoyed empanelment of **MOSRTH, WBSEDCL, BHEL, H.P.C.L. etc.**

**GEOTREAT**

-.Key Persons Details:-

<u>Name</u>	<u>Designation</u>	<u>Experience</u>	<u>Qualification</u>
Mr. AmitangshuChatterjee	Sr. Soil & Foundation Engineer and Proprietor	Above 40 years	DIC (Soil & Foundation Engineering) – Imperial College of Science & Technology
Mr. AmitavaMajumder	Sr. Project Manager	Above 35 years	BSc.
Mr. Sabyasachi Mukherjee	Design Engineer Geotechnical	5 years	M.E in Civil Engineering
Mr. Tapan Ch. Dey	Sr. Supervisor	Above 20 years	BSc.
Mr. KartickMondal	Supervisor	Above 15 years	BSc.
Mr. RajibChakraborty	Supervisor	Above 10 years	BSc.
Mr. Anuprakash Manna	Civil Engineer	3 years	B.Tech in Civil Engineering



PROFILE OF MR A . CHATTERJEE

Name : **A. CHATTERJEE**

**Educational
Qualification**

- : 1. Bachelor of Engineering (Civil), NBU, 1974.
2. DIC (Soil & Foundation Engineering) – Imperial College of Science & Technology, 1983.
3. Member – Institution of Engineers (Civil).
4. Life Member – Indian Geotechnical Society.

**Present
Occupation**

- : In personal capacity as Proprietor and Principal Engineer of “GEOTREAT”, a Geotechnical Engineering firm located in Kolkata, India – since 1993.

Experience

- : **With M/s K N Dadina, Foundation Engineers, Calcutta as Project Engineer to Sr. Project Manager :**

**10 years since
1975 (with a gap
of 3 years in
between up to
1988)**

- Assist in preparation of soil testing report for Calcutta Metro Rly.
- Soil investigation of for Vizag Steel plant- 50 sq. km area
- Soil investigation for 4th bridge over river Brahmaputra near Dibrugarh 100 m deep boreholes
- Soil investigation for Karnali Bridge at Nepal–through 50 m boulder bed.
- Various housing projects of West Bengal Housing Board & other Govt. and non Govt. projects all over India, Nepal & Bhutan.
- Construction of 450 & 550 mm dia bored cast-in-situ
- piles for TISCO modernization, Jamshedpur – 2500 nos.
- Construction of 450 & 550 mm dia bored cast-in-situ piles for Durgapur Steel Plant – 4000 nos.
- Construction of 1200 mm and 1000 mm dia bored cast-in-situ piles for Rly. Bridges.
- Construction of 600 mm dia bored piles at BARC TROMBAY – 900 nos.
- Drilling, grouting for JaypeeRewa Cement Plant, Rewa, Madhyapradesh – extensive work of drilling & grouting for consolidation of cavourneous limestone foundation stratum for Silo Crusher & Blender Foundation.



3 years

(1977 – 1980)

With M/s Rodio&Hazarat – now known as AFCONS as Resident Engineer:

- Construction of Diaphragm wall for Calcutta Metro Rly.
- Grouting in Tube-a- Manchette process for stabilisation of ground around Metro tunnel – Calcutta.
- Soil investigation for Mazaffarpur Super Thermal Power Station.
- Soil investigation for Malanjhand Copper Project, Madhya Pradesh.
- Hill slope stabilization work with pre-stressed rock anchors of 100 / 150MT capacities, perfabолts, rockbolts, gunniting, drilling & grouting for Kalinadi river project, Karnataka.
- Soil investigation including diamond core drilling over water for Supa Bridge, Karnataka and many more –Drilling grouting for super Dam

3 Years

(1989 – 1991)

With M/s Terracon Engineers Pvt Ltd as founder director:

- Soil investigation for different bridges for Border Roads, Assam.
- Soil investigation for new Son bridge, Eastern Rly. – 100 nos. boreholes.
- Construction of 1000 mm dia bored piles for 4 Rly bridges in Dehri on Son – Garwa Rd. sector.
- Soil investigation for Hospital and Medical college at Manipal Institute of Gangtok for L & T LTD.
-

3 Year

(1991 – 1994)

With M/s S K Mitra& Associates as Principal Associate:

Major Assignments

- Soil investigation for Dozer Repair Shop, N. C. L – Singrauli, MP.
- Soil investigation for MescoKalinga Steel plant, Jajpur on Road, Orissa.
- Soil investigation for various multistoried buildings.

1993 - Date

As proprietor and Principal Engineer of GEOTREAT :

- Construction of deep wells - 750 / 450 mm dia boreholes and installation of dewatering pumps, Sunsuri Morang, Nepal – for L & T LTD.
- Survey, Soil investigation, design and estimate – Koli Bridge, Jalpaiguri for JalpaiguriZillaParishad.
- Soil investigation for Incline Shaft – Eastern Coalfields, Pandabeswar, Burdwan.
- Construction of bored piles at Jalpaiguri for Koli Bridge and Alipurduar Bridge – ZillaParishad.
- Construction Sand-wicks for Indian Oil Corporation at Budge Budge, West Bengal.
- Soil investigation for LPG pipelines, IOCL, Andaman.
- Soil investigation for WBSEB transmission line, Arambag.



- Complete Geotechnical Investigation including soil boring, Rock Drilling, Water Pressure tests, scheme of Drilling/Grouting work for consolidation of distressed foundation of T.V. Tower at Gangtok, Sikkim – For Doordarsan (AIR)
- Soil investigation for RCC Jetty at Garden Reach.
- Soil Investigation for Concrete pavements in Jessore Rd.
- Soil investigation for 5 State Hospitals at Bongaon, Barrackpore, Basirhat, Barasat and Naihati.
- Bored piles for 3 sites at Ballygunj, one site at Birlapur and the third site at Doltala.
- Construction of Stone columns.
- Soil investigation for GSI in North 24-Parganas & Malda (depth up to 60m)
- Soil investigation for IOCL at Jharsuguda, Orissa.
- Bored piles at BOC LOX tank, Jamshedpur.
- Soil Investigation at Bhutan
- 1200 mm dia bored pile at Aurangabad. Bihar
- Boring, drilling, Trial Pits, ERT & other tests for Transmission Tower line in Bhutan near Thimpu – for L & T Ltd.
- Survey, Soil Boring/drilling, T. Pits etc. for 3 bridges in N. Bengal for PWD (NH) design divn. – Kolkata
- S.I. work including Boring/Rock Drilling etc. for 34 bridge sites, in Bihar & Jharkhand for BiharRajyaPulNirman Nigam Limited.
- Survey, Boring, Rock Drilling for 26 Bridge sites in Jharkhand – for Fressynet and other local agencies.
- Rock Drilling (40m deep) work at Subarnarekha River for S.E. Rly. (GPT) – Dumka, Jharkhand
- S.I. work for 2 nos. bridge sites at Raiganj, North Bengal – Survey, S.I, Design of Bridge
- Total Geotechnical Investigation including soil boring, rock drilling, CPLT, Trial Pits, ERT, Permeability tests at Phillips Carbon Black Ltd., Durgapur, West Bengal
- Drilling of boreholes & laboratory testing at Lanjigarh, Orissa for Hindustan Dorr-Oliver Bombay
- Topographical Survey work for Roads at Mizoram - a joint venture of **RBM-TANTIA**
- Bored Piling 1200 mm dia for
 - a) National Highway Project – Aurangabad
 - b) PWD Bridge over River – Gumani – Jharkhand
 - c) PWD Bridge at Bansberia, Pakur, Jharkhand
 - d) PWD Bridge near Sonahatu, Bundu, Ranchi
 - e) PWD Bridge at Datuli; 129 km from Ranchi
 - f) PWD Bridge at Orga, Jharkhand
 - g) PWD Bridge at Barh – 80 km from Patna, Bihar
- Grouting work for defective building foundations – Barasat, 24-Parganas (North)
- Drilling/grouting work at Project site inside IIT campus at Kharagpur, West Bengal for L & T Ltd.
- Installation of 228 nos. 600 mm diameter Bored Cast-in- Situ RCC Piles for DAV School Project of L & T at Taratola, Kolkata.
- Construction of 1290 nos. Sandwicks for two nos. Tanks at Paradeep Port, I.O.C.L. for Bridge & Roof Company, Kolkata.



GEOTREAT



NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

(A Statutory Authority under Government of West Bengal)
Administrative Building, Plot No. DG/13, Premises No. 04-3333,
Action Area - ID, New Town, Kolkata - 700156.

Renewed Enrolment of Technical Person

RENEW

AIN NO : 0111111231100043

Date : 15/02/2023



Mr. Amitangshu Chatterjee of 83/46, Mullick Colony, Dum Dum, North 24 PGS, Kolkata, North 24 Parganas, 700074 is hereby renewed enrolment with New Town Kolkata Development Authority (NKDA) as Geo Technical Engineer for the purpose of being engaged by plot owners to carry out building operation at New Town Kolkata as per Building Rule and Regulations.

His enrolment number as maintained at the office of New Town Kolkata Development Authority is GTER/NKDA/10/00032 and the enrolment stands valid till 15/09/2025.

Next date of renewal : 16/09/2025.

Signature Not Verified

Digitally signed by SANDEEP GANGULY
Date: 2023.02.15 12:03:28 IST

Executive Engineer
New Town Kolkata Development Authority

The authenticity of this document can be verified by accessing the URL: edistrict.wb.gov.in and then clicking on the 'Verification of Digitally Signed Document' link and keying in the Unique Number : 0111111231100043.

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- :EQUIPMENTS : -

Sl. No.	Description of Equipment	Units	Quantity
1	Soil boring winch with accessories to drill upto 50 mts (Percussive-cum-Rotary)	Sets	4
2	Plate load test equipment, complete set with 300mm,450mm and 600mm square plates and pressure intensity upto 700 KPa complete with ISMB, hydraulic jack, pressure gauge, dial gauges etc.	Sets	2
3	Rock drilling equipment, with accessories to diamond drill NX/BX size holes upto 75 m below G.L.	Sets	6
4	Bored piling equipment, manual auger/DMC (upto 35m long) (300/450/500/550/600/750)mm dia.	Sets	6
5	Mechanically operated bored piling equipment with direct mud circulation Technique/ bailer boring method.	Sets	14
6	Pile load-testing arrangements for conducting initial and routine, vertical and horizontal load tests. (Complete arrangements upto 1200 MT load)	Sets	1
7	Pile Pull-out test equipment	Complete Arrangement	
8	Pile – Lateral Load Test	Complete Arrangement	
9	Cube testing equipment for crushing Strength determination of 150 mm square Concrete cubes.	Sets	1
10	Well-equipped, full-fledged soil testing Laboratory.	No.	1
11	Drilling equipment capable of drilling Holes in any direction and upto depths Required generally through concrete, rock.	No.	2
12	Pressure Grouting Equipment	No.	2
13	Equipment & accessories for ground improvement e.g. Sand wicks, Sand piles etc.	No.	2
14	Implements necessary for roof treatment Activity.	No.	Full Set
15	PET for Sonic Integrity Test	Complete Arrangement	



GEOTREAT

Some of our Completion Certificates



GEOTREAT



WBSEDCL

West Bengal State Electricity Distribution Company. Ltd.
(A Govt. of West Bengal Enterprise)
Office of the Regional Manager, 24-Pgs. (N) Region,
Administrative Building, Viveknagar, B.T. Road, Titagarh, 24-Pgs. (North)

Memo No.: RM/24PNR/Credential / Barasat/ 6270

Date: 24.03.2023.

TO WHOM IT MAY CONCERN

This is to Certify that M/s. GEOTREAT "Chatterjee Lodge", 83/46, Dum Dum Road, P.O.- Motijhil, Kolkata – 700074 was entrusted with the work :-

- a) **Name of the site :** Eternis Housing Complex under Barasat Divn. , North 24 pgs
- b) **Work Order No. :** RM/24PNR/Civil/Order/Barasat/1420 Dated- 28.06.2021.
- c) **P.O. No.:** 5300427343
- d) **Details of Work Done :**
- i) **Description of work :** Soil Investigation at Eternis Housing Complex for new 33/11 KV sub-station under Barasat Divn. in the District of North 24 pgs.
- ii) **Work Details :** Construction of 150 mm dia. boreholes (1 x 10 m), (2 x 30 m)
- iii) **Estimated Job Value :** Rs.99,710.00 including GST.
- iv) **Executed Job Value :** Rs.99,710.00 including GST.
- v) **Date of starting :** 19.07.2021
- vi) **Date of completion :** 25.07.2021

The agency had deployed their own equipment and trained personnel to carry out the field work. All safety norms were followed by the agency.

The quantity of job executed by them and the competence of their technical manpower was generally found in order. The drawings prepared were found to be in order.

The overall performance of the agency was found to be satisfactory. We wish every success of M/s. GEOTREAT in their future endeavors also.

(U. Dhali)

Regional Manager
24 Parganas (North) Region Office
W.B.S.E.D.C.L.



GEOTREAT

PROJECT OFFICE ADDRESS :
AFCONS INFRASTRUCTURE LIMITED
RVNL-ANVS KOLKATA METRO PROJECT (Job-1682)
OWL MORE, IN FRONT OF ECO PARK
GATE NO. 2, ACTION AREA II, NEW TOWN,
NORTH 24 PARGANAS
KOLKATA - 700135, WEST BENGAL



TO WHOM IT MAY CONCERN

This is to Certify that M/s. GEOTREAT "Chatterjee Lodge", 83/46, Dum Dum Road, Kolkata - 700074 was entrusted with the work :-

- a) **Name of the site :** Box pushing area, Titumir - Airport metro project, Afcons, RVNL, Kolkata
- b) **Work Order No. :** W.O. No. 1682-JKY/VO/TC/070 (R1) Dt. 24.11.2022
- c) **Details of Work Done :**
- i) **Description of work :** Preparation for conducting Geotechnical Investigation at box pushing area and submission of reports of Titumir-Airport metro project , Afcons, RVNL, Kolkata
 - ii) **Work Details :** Construction of 150 mm dia. boreholes (2 x 40.5 m), Reaming of 150 mm dia to 200 mm dia boreholes and Installation of pipes.
 - iii) **Estimated Job Value :** Rs.2,21,160.00
 - iv) **Executed Job Value :** Rs.2,03,921.00
 - v) **Date of starting :** 11.11.2022
 - vi) **Date of completion :** 13.12.2022

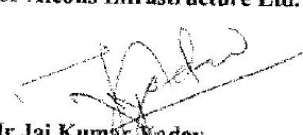
The agency had deployed their own equipment and trained personnel to carry out the field work. All safety norms were followed by the agency.

The quantity of job executed by them and the competence of their technical manpower was generally found in order. The drawings prepared were found to be in order.

The overall performance of the agency was found to be satisfactory. We wish every success of M/s. GEOTREAT in their future endeavors also.

Thanking you,

For Afcons Infrastructure Ltd.


Mr. Jai Kumar Yadav
(Project Manager)



GEOTREAT



LARSEN & TOUBRO

Larsen & Toubro Limited
L&T Construction
Buildings & Factories
Godrej Waterside, 11th Floor,
Tower - 2, DP - 5, Sector - V
Saltlake, Kolkata - 700091, INDIA

Ref. L-&T/ECCD/B&F-KKCL/1187

CIN: L99999MH1946PLC004768

Date: 18-10-17

TO WHOM IT MAY CONCERN

This is to Certify that M/s. GEOTREAT "Chatterjee Lodge", 83/46, Dum Dum Road, Kolkata - 700074 was entrusted with the work :-

"Sub Soil Investigation work for WBMSCL Medical College at Coochbehar"

- a) Name of the site : WBMSCL Medical College Projects at Coochbehar, West Bengal
- b) Work Order No. : W.O. No. EG147WOD7000001 dated 24.05.2017
- c) Details of Work Done :
 - i) Description of work : Soil investigation work for WBMSCL Medical College
 - ii) Value of Job : Rs. 4,42,379.40

The agency had deployed their own equipment and trained personnel to carry out the field work.

The quality of job executed by them and the competence of their technical manpower was generally found in order.

The overall performance of the agency was found to be satisfactory. We wish every success of M/s. GEOTREAT in their future endeavours also.

Thanking you,

For Larsen & Toubro Limited

Building & Factories IC, Kolkata

(Direct-Sen)

Cluster Project Manager

Buildings & Factories - Kolkata Cluster

L&T Construction, Buildings & Factories IC



Tel: +91 33 4414 1000 www.lntec.com

Headquarters: Mount Poonamallee Road, Manapakkam, P.B. No. 979, Chennai - 600089, INDIA

Registered Office: L&T House, N.M. Marg, Ballard Estate, Mumbai - 400001, INDIA



GEOTREAT



ISO 9001:2000
ISO 14001

यूरेनियम कॉर्पोरेशन ऑफ इंडिया लि.

(भारत सरकार का संस्थान)

URANIUM CORPORATION OF INDIA LTD.

(A GOVERNMENT OF INDIA ENTERPRISE)

TURAMDIH

P. O. - SUNDERNAGAR, DIST.-SINGHBHUM (EAST),

JHARKHAND, PIN-832 107

तुरामडीह मिल परियोजना

पो - सुन्दरनगर

जि - सिंहभूम (पूर्वी)

भारखंड - 832107

Exchange No. : 0657-2318001 to 2318007

Extn. No. : 7411, 7440, 7452

: 7453, 7451, 7459

Phone : 0657-2318017 / 6539805

Fax : 0657-2318009

COMPLETION CERTIFICATE

Ref: - UCIL/TMD/MILL/DGM(C)/2011

Dated 04-07-2011

To whom it may concern

This is to certify that M/s. GEOTREAT of 83/46 Dum Dum Road, Kolkata - 700074 was entrusted with the following work which they have executed satisfactorily and successfully:

- a) Name of work : Drilling holes, grouting and permeability test in the base of Eastern side Tailing Dam, at Turamdih, Singhbhum (East)
- b) Details of work : (1) Total Grouting — 162500 kg.
(2) Field Permeability Test — 75 Nos.
(3) Maximum depth of DH — 6 M BGL.
(4) Nature of soil — Weathered rock.
(5) Preparation and submission of detailed Report
- c) Total Value : Rs. 61.57 Lakhs only including Taxes.
- d) Time taken to complete the work : As per schedule
- e) Quality of work : Satisfactory

We wish every success of M/s. GEOTREAT in future.

For Uranium Corporation of India Limited

(S. N. Prasad)

Dy. General Manager (Civil) Turamdih



Regd. Office : P. O. - Jaduguda Mines, Singhbhum (East) Jharkhand - 832 102



GEOTREAT

URS

M/s/ Geotreat, "Chatterjee Lodge",
83/46, Dum Dum Road,
Kolkata-700074

To Whom It May Concern

This is to inform that M/s/ Geotreat, "Chatterjee Lodge", 83/46, Dum Dum Road, Kolkata-700074 has been awarded to conduct the work of Soil Investigation for the Distributary 7 of Nagar-Tangon Main Canal in addition to Distributary 8 & 3 in North Bengal - Teesta Downstream work for which they need to carry old and used testing equipments with accessories.

The same materials/equipment will be brought back to Kolkata by M/s. Geotreat after the above said work is completed.

Sudipta Guha
17/11/2013

Sudipta Guha,
General Manager,

URS Scott Wilson India Pvt. Ltd.
44, Shanti Pally, Sanjay Bhawan, 4th Floor,
Kolkata -700 107,

T : 033 – 4063 0151

Sanjay Bhawan, 4th Floor
44, Shanti Pally
Kolkata - 700 107
West Bengal, India

www.ursglobal.com

URS Scott Wilson India Private Ltd.
Place of Registration: India
Corporate Identification Number: U74899DL1984PTC061963
Registered Office: Flat No. 513, Vishwadeep Tower, District Centre, Janakpuri, New Delhi-110058, INDIA

**GEOTREAT**

ASA CONSULTANCY SERVICE

A Name of Survey & Civil Consultant

ISHITA APARTMENT, GROUND FLOOR,
OFFICE - 02, 140, RAJENDRA AVENUE
UTTARPARA, HOOGHLY - 712258 (W.B.)
Website : www.asaconsultancyservice.com



☎ 033-26633013
09433357630
09432205388

Ref.: ASA/GEO/2023

Date : 02.03.2023

TO WHOM IT MAY CONCERN

This is to Certify that M/s. GEOTREAT "Chatterjee Lodge", 83/46, Dum Dum Road, Kolkata – 700074 was entrusted with the work :-

- a) **Name of the site :** Nandigram, Medinipur (E) WB
- b) **Work Order No. :** ASA/GEO/SI/19-20/001 dated 24.02.2020
- c) **Details of Work Done :**
- i) **Description of work :** Soil Investigation Work in Nandigram Project at Medinipur (E) WB.
 - ii) **Work Details :** Construction of 150 mm dia. boreholes (4 x 10 m)
 - iii) **Estimated Job Value :** Rs.31,95,957.00
 - iv) **Executed Job Value :** Rs.31,95,957.00
 - v) **Date of starting :** 16.01.2020
 - vi) **Date of completion :** 12.10.2021

The agency had deployed their own equipment and trained personnel to carry out the field work.

All safety norms were followed by the agency.

The quantity of job executed by them and the competence of their technical manpower was generally found in order. The drawings prepared were found to be in order.

The overall performance of the agency was found to be satisfactory. We wish every success of M/s. GEOTREAT in their future endeavors also.



[Signature]
For ASA CONSULTANCY SERVICE

IN MORE DETAILS

- Land Survey, Topographical Survey, Hydrographic, Transmission Line, Road, Rail, Detail Survey,
- Pipeline and all types of Engineering Survey. ●●● All Types of Soil Testing & Soil Classification
- Design for road, Rail, Bridge, Culvert, Housing Complex, Foundation of Transmission Line etc



GEOTREAT

ADCORE DEVELOPERS LLP

14TH Floor, Nirmal Bldg., 241/242 Nariman Point, Mumbai – 400021 | Tel: +91.22.22821468 / 66332229
Fax: +91.22.66332230 | Email: director@adcoredevelopers.com / adcoredevelopers@gmail.com |
www.adcoredevelopers.com

TO WHOM IT MAY CONCERN

This is to Certify that M/s. GEOTREAT “Chatterjee Lodge”, 83/46, Dum Dum Road, Kolkata – 700074 was entrusted with the work :-

- a) **Name of the site :** Madhuban, Jharkhand
- b) **Work Order No. :** 001/2021-22 Dated- 05.04.2021
- c) **Details of Work Done :**
 - i) **Description of work :** Diamond core drilling at Shri Jal Mandir, Shikharjee Hill,
Madhuban, Jharkhand.
 - ii) **Work Details :** Drilling of NX Sized Boreholes through overburden & into
parent rock mm dia. boreholes (1 x 8m), (1 x 15m),
(1 x 13m) & (1 x 12m), Field Permeability.
 - iii) **Estimated Job Value :** Rs. 7,08,000.00
 - iv) **Executed Job Value :** Rs. 7,08,000.00
 - v) **Date of starting :** 18.06.2021
 - vi) **Date of completion :** 10.07.2022

The agency had deployed their own equipment and trained personnel to carry out the field work.

All safety norms were followed by the agency.

The quantity of job executed by them and the competence of their technical manpower was generally found in order. The drawings prepared were found to be in order.

The overall performance of the agency was found to be satisfactory. We wish every success of M/s. GEOTREAT in their future endeavors also.

Yours faithfully,

FOR ADCORE DEVELOPERS LLP

NIRMAL L. JAIN
DESIGNATED PARTNER



GEOTREAT

TATA STEEL



1907 - 2007

RMP/Joda/314/2011

Dated : 22.9.2011

M/S Geotreat

Chatterjee lodge

83/46 Dum Dum road

Kolkata -- 700074

Reg.: - Soil investigation work for slime Dam at Joda

Work order No.: 3800004214

VIRTUAL COMPLETION CERTIFICATE (VCC)

Dear sir,

This has reference to your letter no. GFE : ES : 8161 dated 3.9.2011 requesting us to issue Virtual Completion Certificate (VCC) against the aforesaid order.

This is to certify that the job covered under the above mentioned order has been virtually completed by 15.12.2009.

The issue of this certificate is without prejudice to purchaser's right under the contract and contractor is not relieved from any of the obligations under the contract.

Yours faithfully

F, Tata Steel Limited

(Sujeet Kumar)

Head – Projects

Civil & structural

RMP- Joda

SOME PICTURES SHOWING OUR FIELD WORK



DMC Pilling Work at Paradeep Odisha Pile Load Test at Ranigaunge, Shyam Sel & Power (120 T)



Field Permeability Test near Dum Dum Airport SI work at IOCL Haldia Core Box showing Rock Core Samples Metro Work , AFCONS at DVC Thermal Power Station, Raghunathpur



Plate Load Test at Pakuria, Shyam Sel SI Work at B.P. Podder Hospital, Kolkata

SOME PICTURES SHOWING OUR LABORATORY WORK



After Direct Shear test of SandSoil Sample taken for Moisture Content Test



Unconsolidated Undrained Triaxial Test Soil Consolidation Test Apparatus



Sample of Plastic Limit Test Specific Gravity Test

SOME PICTURES SHOWING OUR SOIL LABORATORY





GEOTREAT

Some of our Work Order

**GEOTREAT****TATA STEEL**

8397

Page: 1 of 2

M/S Tata Steel, JAMDOBA, TATA STEEL LIMITED, JAMDOBA GROUP PLANT, Postal Code --828112, Jharkhand
 Comm: PAN: CST:JH2303(C) / LST:TIN NO. --20431900791/
 ECU:AAACT2803HEM142 EXCISE Regn:AAACT2803HEM142 EXCISE Range-SINDRI

Vendor Code :- G094
GEOTREAT
 Chatterjee Lodge,
 83/46, Dum Dum Road
 Kolkata
 West Bengal
 Pin Code: 700074
 India
 E-Mail :- geotreat@rediffmail.com
 Phone No :- 25485308
 Fax No :- 25485308
 Quotation :- E-MAIL /27.09.2014
 Order Valid from 06.10.2014 to 31.12.2016

WORK ORDER

Order No. :- 3800010352/109
 Order Date :- 06.10.2014
 Release Date :- 07.10.2014
 Contact Person :- NS Shiva
 E-Mail :- n.shiva@tatasteel.com
 Phone No :-
 Fax No :-
 Collective No :- 2000056570

Please arrange to execute the job as per details given below. Please acknowledge receipt of this order.

Item No. :- 00010 Desc:- Topographical survey .M/s Geotreat
 Requisitioner:- 152382 (Ashish Kumar Singh), Email: ashishk.singh@tatasteel.com

All-ServTax Setoff on 100% @ 12% for WC-50% REVCH
 Delivery date
 Day 10.12.2014

Sr No.	SrvLnNo	Brief Description	Quantity	Rate
1	50	Site activity completion	1.000 LUMPSUM	130,800.00 INR
Total Price			130,800.00 INR	

Sr No.	SrvLnNo	Brief Description	Quantity	Rate
2	60	Final Report submission	1.000 LUMPSUM	32,700.00 INR
Total Price			32,700.00 INR	

Item Charges			
Base Amount	163,500.00	INR	163,500.00 INR
A/P SERVICE TAX	6.00	%	9,810.00 INR
A/P ECS for ST	2.00	%	196.20 INR
A/P SECess for ST	1.00	%	98.10 INR
			173,604.30 INR

Gross Price (S.tax+Edcess) 173,604.30 INR

Header Details

Header text:

SCOPE OF WORK :-

TOPOGRAPHICAL SURVEY WORK FOR JAMDOBA WASHERY PROJECT.

The scope of this enquiry is to carry out a precision topographical survey & underground mapping of the proposed land measuring total area of approx 50 acres. The scope also includes supplying and mobilising necessary surveying instruments, survey personnel, materials, labour etc normally required for survey work. The details of work are as given below.

**GEOTREAT**

पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

**पावरग्रिड**

400/220 के. वी. जमशेदपुर उपकेन्द्र, ग्राम: रामचन्द्रपुर, पोस्ट: गम्हरिया, जिला : सरायकेला-खरसावाँ, झारखण्ड-832108
 दूरभाष: 0657-3294096, 3293676, फैक्स: 2387216, ई.मेल: er_jsrss@yahoo.com, powergridjsr@gmail.com
 400/220 KV, Jamshedpur Substation, Vill- Ramchandrapur, P.O. : Gamharia, Dist- Seraikela-Kharsawan, Jharkhand - 832108
 Phone: 0657-3294096, 3293676, Fax: 2387216, E-mail: er_jsrss@yahoo.com, powergridjsr@gmail.com

Supplier M/s. GEOTREAT CHATTERJEE LODGE, 83/46 DUM DUM ROAD 700074 KOLKATA Your Vendor No. with us: 2100032806 Your Reference GFE-004/26/6	Purchase Order PO Number 5200006170 / 215 Date 12.03.2016 Fax 0657-3294096 Our Reference 63/23.6.15 Currency INR
Please deliver to: Company JAMSHEDPUR SUB STATION POWERGRID 400KV SUBSTATION VILL.- RAMCHANDRAPUR P.O.- GAMHARIA DIST.- SERAIKELA- KHARSAWA 832108 JAMSHEDPUR	Valid From : 15.07.2015 Valid To : 14.08.2015 Version : 0 Delivery Date : 14.08.2015
PO Description Soil Investigation for the work 400kV Extension Area at POWERGRID, Jamshedpur Substation	

Dear Sir,
 With Reference to the above, we are pleased to place an order for following

Item No.	Material	Description	Quantity	Unit	Delivery Date	Rate	Curr
01		Soil Investigation of Extension Ar	1	AU	14-Aug-15	1,13,350	INR

Pricing Details:-		Description	Value	Unit
		Gross Price	1,13,350	INR
		Tax @ Nil Input Tax	0	INR
		Landed Cost (Gross)	1,13,350	INR

The Item covers the following services:

[Signature]
 12/3/16



GEOTREAT

ТРАНС
ТОННЕЛЬ
СТРОЙ

AFCONS

JOINT VENTURE

18-19/11

Ref no: 1674/VK/QSD/VO-067

7th June, 2018

M/S Geotreat,
Chatterjee Lodge
83/46 Dum Dum Rd
Kolkata-700074

Dear Sir,

Kind attention: Mr. A Chatterjee Ph. No. 9830052699

Project: Design and construction of underground section from Howrah Maidan station to West end of central station.

Reg: Work order for Geotechnical Investigation for Piezometer Installation at cross passage construction.

Ref: Your quotation No: Ref.GFE:ES:138 dated 6th June 2018 & email correspondence.
With reference to the above referred offer and subsequent discussions we are pleased to issue the work order for the subject work as per the following terms and conditions described.

Definitions of Client, Employer, Engineer and Contractor

1. **Client** means the Transtonnelstroy AFCONS Joint venture, AFCONS House, No: 16, Shah Industrial Estate, Veera Desai Road, Andheri (W), Mumbai-400 053.
2. **Employer** means Kolkata Metro rail Corporation Limited, HRBC Bhavan, Munshi Premchand Sarani, 4th floor, Kolkata-700 021.
3. **Engineer** means MYCEL, the General Consultants, GC-1, Kolkata Metro East West Line, KMRCL building, Munshi Premchand Sarani, Kolkata-700 021.
4. **Contractor** means M/S Geotreat, Mr. A Chatterjee Ph. No. 9830052699 .

Scope of work

1. Mobilization of the required working personnel, experts, tools, tackles, equipment for execution of the subject work.
2. Drilling 49 nos. of boreholes 100-150mm dia x upto 35M deep at the prefixed locations and flashing for installing instruments.
3. Demobilisation of the resources deployed at site including all tools, tackles, plant and equipment and the workmen.

Quantity of work

1. The quantity of work to be executed is mentioned in the enclosed schedule of quantities. The same is indicative only and may vary either positive or negative to any extent.
2. There may be deduction or addition in the actual work done quantities and accordingly the work order value will be amended. There will not be any claim or compensation for such change of work value. In all cases, the rate will be fixed for the tenure of the contract.

Rate of pay

ADN SCS

F. K. Mandal



**GEOTREAT**

TRANSTONNELSTROY-AFCONS JV
CTPOH

AFCONS**JOINT VENTURE**

Page 1/5

19-20/08

Registered Office:

TRANSTONNELSTROY-AFCONS JV
Veera Desai Road, Azadnagar P.O., AFCONS
House, 16, Shah Industrial Estate, Mumbai
400053 Maharashtra India
Tel.No: 91-22-6719 1000
Fax.No: 91-22-2673 0047/ 2673 0026

WORK ORDER

Signed Copy

Reference No. :**Sub Contractor name:**

203904 GEOTREAT
Paraganas (NORTH) Paraganas 83/46 Dum Dum Road Motijheel 24
KOLKATA 700074 West Bengal India

GSTN : 19ACHPC0512A1Z1

PAN No: ACHPC0512A

VAT TIN No:

CST TIN No:

2554736041

Fax No: 25485308

Email:

Contact Person: G.C.Sinha Roy / A CHATTERJEE

WO Number: 4600015317

WO Date: 26.07.2019

W.O.Name : Installation Work of Shear Connector at Tunnel

Project: 1674 Design & Construction of UG Section Howrah
Maidan St. to West End of Central Station

Contact: Mr. Krishan M Jaiswal MOB: 8377026653

Project Office: 93, Forshore Road, Transtonnelstroy Afcons J. V. C/o
Kolkata Metro Rail Corp. Ltd. Howrah 711102 West
Bengal India

GSTN: 19AACAT0119N1ZB

Work Start Date: 26.07.2019

Work End Date: 31.12.2020

WO Value:

Penalty Clause: YES

Installation Work of Shear Connector at Tunnel

S.No.	Act.Ref	Description of Work	HSN/SAC	Unit	Quantity	Quote Rate	Total Amount
1	40000069 / 1148	L/C for Fixing of Shear Connector 1000129 S/C Fixing Anchor Bar	995428	NOS	70,000.000	18.00	1,260,000.00

Gross Amount : 1260000.00

18% Input Tax CGST + SGST : 226,800.00

Retention: Yes 5.00 %

Value in Words: Rupees FOURTEEN LAKH EIGHTY SIX THOUSAND EIGHT HUNDRED only

1486800.00

GENERAL TERMS & CONDITIONS

- The work is to be completed as mentioned in Conditions.
- All work is to be in accordance of the requirements of the Company's representative in charge of the work and of client's Engineer/ Architect and project management. No payment is to be made in respect of work not accepted by Company's representative in charge of the work or by Clients Architect.
- Payment shall be made within 30 days from the date of submission of RA Bill subject to submission of documentary evidences on Labour Payment, PF deposit etc and associated clearance from respective department.
- You shall mobilize the resources as required based on quantum of work to be executed without affecting the work. Time is the essence of the Work order whatever the time worked out in the program needs to be strictly adhered to. Due to any reason attributable to you, the work is getting delayed than scheduled; Company at their discretion can reduce the scope of the work either partly or in full. In addition the said work shall be got executed by engaging some other agency at your cost.
- In the event of their being any likelihood of delay to the work through disputes or otherwise the Company will give the Subcontractor immediate notice to rectify the causes and should the Subcontractor's after receiving due notice fails to rectify the matters to satisfaction of the Company's representative the Company may terminate their agreement with the Subcontractor and complete the work independently of him in such a case the Subcontractor is to be entitled only to payment for the work carried out prior to such termination.
- If the Subcontractor is not satisfied with any instructions or decisions on the part of the Company's representative in charge of the work he may appeal to the Head Office whose decision shall be final.

- > Invoices must be submitted as per TRANSTONNELSTROY-AFCONS JV prescribed format.
- > Please refer to sub contract document for general and specific terms and conditions.
- > All works must be executed under strict compliance of specifications and terms and Conditions instructions from engineer.
- > The above quantities may be approximate. Payment will be made based on actual work measured at site.

Sub Contractor

Engineer

EIC / Authorized Signatory

**GEOTREAT****SHYAM SEL AND POWER LIMITED**

BIJAYANAGAR MORE MOUZA DHASNA PASCHIM BURDWAN 713362

Phone :

Subject to Kolkata JURISDICTION

Purch. Group:J15 Project Civil JMR

SERVICE ORDER

Page No 1 of 7

Code & Name of Supplier : 3004554 GEOTREAT 83/46 DUMDUM ROAD DUMDUM , KOLKATA		P.O. No : 3000009386 Amend No:2			
		P.O Date : 27.12.2022			
Pin : 700074 PAN : ACHPC0512A		P.O Rel Date : 09.01.2023			
GSTIN : 19ACHPC0512A1ZI		Party Ref. : - NFA-203			
		Validity : 27.12.2022-31.03.2023			
Supplier Contact Details Tele : NA Email: amit.geotreat@gmail.com		Delivery Address : BIJAYANAGAR MORE MOUZA DHASNA PASCHIM BURDWAN 713362			
		DO NO: MINE:			
SN	Item Code/Description	UM	QTY	RATE	AMT (INR)
1	Item Code: HSN/SAC: VERTICAL PILE LOAD TEST Delivery Date : 02.01.2023				
1.1	Item Code: HSN/SAC: 995428 MOBILIZATION & DEMOBILIZATION G/L : 60000001 Cost Center : Tax : CGST @ 9 % 3078.00 : SGST @ 9 % 3078.00 Plant : 308D CPP 4 Jamuria 90 MW	LOT	1.000	34,200.00	34,200.00
1.2	Item Code: HSN/SAC: 995428 VERTICAL LOAD TEST (1ST TEST) G/L : 60000001 Cost Center : Tax : CGST @ 9 % 6075.00 : SGST @ 9 % 6075.00 Plant : 308D CPP 4 Jamuria 90 MW	LOT	1.000	67,500.00	67,500.00
1.3	Item Code: HSN/SAC: 995428 VERTICAL LOAD TEST (2ND TEST) G/L : 60000001 Cost Center : Tax : CGST @ 9 % 5670.00 : SGST @ 9 % 5670.00 Plant : 308D CPP 4 Jamuria 90 MW	LOT	1.000	63,000.00	63,000.00
1.4	Item Code: HSN/SAC: 995428 REPORT G/L : 60000001 Cost Center :	LOT	1.000	4,500.00	4,500.00

Our Statutory Registration

GST NO : 19AAECS9421J1ZZ

CIN :

PAN : AAECSS9421J

3302110 MUNNA SHARMA 02.01.2023	SUDIP ROY 09.01.2023	SUDIP ROY 09.01.2023	AJIT MISHRA 09.01.2023	T_CONAUDIT4 09.01.2023	For SHYAM SEL AND POWER LIMITED
Prepared By	First Approved By	Checked By	Approved By	Verified By	Authorised Signatory
Auction ID NFA-203					

**GEOTREAT****SHYAM SEL AND POWER LIMITED**

BIJAYANAGAR MORE MOUZA DHASNA PASCHIM BURDWAN 713362

Phone :

Subject to Kolkata JURISDICTION

Purch. Group:J15 Project Civil JMR **SERVICE ORDER**

Page No 2 of 7

PO.No : 3000009386

PO.Date : 27.12.2022

SN	Item Code/Description	UM	QTY	RATE	AMT (INR)
	Tax : CGST @ 9 % 405.00 : SGST @ 9 % 405.00 Plant : 308D CPP 4 Jamuria 90 MW				
Total:- (In Words) :Rs ONE LAKH NINETY NINE THOUSAND SIX HUNDRED FIFTY SIX Only		Service Value			169200.00
		CGST			15228.00
		SGST			15228.00
		Order Amount			199656.00

Our Statutory Registration

GST NO : 19AAECS9421J1ZZ

CIN :

PAN : AAECS9421J

3302110 MUNNA SHARMA 02.01.2023	SUDIP ROY 09.01.2023	SUDIP ROY 09.01.2023	AJIT MISHRA 09.01.2023	T_CONAUDIT4 09.01.2023	For SHYAM SEL AND POWER LIMITED
Prepared By	First Approved By	Checked By	Approved By	Verified By	Authorised Signatory
Auction ID NFA-203					

**GEOTREAT**

L.N. ENTERPRISE
GOBINDAPUR K. PUR, PLOT NO-A3
N.C. MARKET NEAR SEVA NAGAR BALIKA SOUTH 24 PARGANAS GST
No.19ALVPS1649FIZF
Phone:-8479964074

WORK ORDER

Subject : - Piling job at our Project site Moment Maker , Dankuny, Hooghly Site

Order No:- LNE/GT/24-25/01 dated 21.06.2024

Name :- GEOTREAT Address:-Chatterje Lodge
83/46, Dumdum Road,Kolkat-700074.

Site Address:- Site Address:- Moment Maker
Dankuni Parking Zone,Durgapur Express Way (Near Toll Plaza), Hooghly,
Pincode:-712310, W.B.
Contact Person:-
Sajal Sinha, Ph.No.- 6291786005.

Ref No.Telephonic Discussion

		Material	Unit	Qty	Rate	Amount(Rs)
Payment Terms	1) Payment after one moth from submission of bill	DMC Piling work at our Dankuni site including your macineries & Fuel	Mtr	1500	550.00	825000.00
Acceptance Criteria	As per site engineer's acceptency & certification					
Bill Submission	Original Bills to be submitted along with certificatified documents from site					
				Total:-		825000

A. Terms and Condition

- 1) We will provide Crane or Hydra or Pocland
- 2) Water supply & Power at site supply in our sope
- 3 No extra charges aloowed other than PO condition

AMAR SAMANTA
(Proprietor of L.N.Enterprise)

**GEOTREAT****manipalhospitals**

LIFE'S ON

**Purchase Order**

GEOTREAT
83/46, DUMDUM ROAD, DUMDUM
700074 Kolkata-Kolkata
India
Telephone No :
GST No : 19ACHPC0512A1Z1

P.O. No. : MEST-1700006051
Version No. : 0
P.O. Date : 31.05.2024
Last changed date : 31.05.2024
MES GST No : 19AAECS6786N1/D

SNO	ITEM	QTY/FR	UOM	GROSS PRICE	DISC.	NET PRICE	AMOUNT	TAX %
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10	1	Activity unit		272,760.00		272,760.00	272,760.00	SGST 18.00% CGST 18.00%
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HSN Code:

Soil investigation work @ AMRI Rajarhat

S NO	DESCRIPTION	UOM	QTY	RATE	TOTAL
10	Geotechnical Investigation work @ Rajarhat	AU	1	163,840.00	163,840.00
20	Geotechnical Investigation work @ Rajarhat	AU	1	108,920.00	108,920.00

GROSS AMOUNT :	INR	272,760.00
NET AMOUNT :	INR	272,760.00
TAX AMOUNT :	INR	49,096.80
TOTAL PO AMOUNT :	INR	321,856.80



GEOTREAT



**Ahluwalia Contracts
(India) Limited**

ENGINEERING • DESIGNING • CONSTRUCTION

High & Corporate Offices

A-177, Okhla Industrial Area, Phase-I, New Delhi-110026

Phone : 011-41413300, 301, 399, Fax : 011-41413301

E-mail : manoj.ahluwalia@ahluwalia.com

Co : 1451140119, 09511711072

Ref.No. ACIL/DAL/Bongaigaon-Assam/22-23/01

Date – 22.07.2022

To,
M/s Geotreat
6A, Milan Park,
Kolkata - 700 084
GSTIN : 19AABCG9535E1Z1

Ahluwalia Contracts (I) Ltd – GST No – Will be intimated shortly.

Billing Address - Will be intimated shortly

Kind Attn. Mr. A Chatterjee - Mob. No – 9830052699 / 9007698604,
Email - geotest.engineers@gmail.com

Detailed work order

Subject : Geotechnical investigation for Design and Construction of New Medical College at Bongaigaon Assam.

Dear Sir,

This is with reference to your quotation and subsequent discussion held with you. We are pleased to issue this work order for Geotechnical investigation for **Rs. 2,75,000.00 (Rupees Two Lakh Seventy Five Lakh Only) Excluding GST (GST will be paid as applicable)** for works related to above mentioned project.

Scope of work:

Total 4 (Six) nos, of bore holes with termination depth of 30.00 m. below E. G. L. each, in soil strata or " Refusal whichever is earlier. Note: Drilling in rock / gravel - boulder / conglomerate deposit using TC / Diamond bit has not been considered

This is item rate work order. The payment will be made as per work done, as agreed BOQ rates. The prices, inclusive of all taxes except GST which is reimbursable on submission of documentary evidence. The terms & conditions are attached. If further bore holes required to be done and tested, the same would be paid as per BOQ

Quantity of any item can be increased/decreased upto any limit.

This is further subject to the following terms and condition

Kolkata Office : KQ-25, 5th Floor, Sector-III, Salt Lake City, Kolkata - 700 071, Phone : 033-23341111, 23341112

**GEOTREAT**

L.N. ENTERPRISE
 GOBINDAPUR K.PUR, PLOT NO-A3
 N.C. MARKET NEAR SEVA NAGAR BALIKA
 SOUTH 24 PARGANAS
 Phone:- 8479964074
 GST NO. - 19ALVPS1649F1ZF

WORK ORDER

Subject : Installation of slender displacement type granular piles for factory column foundations and conducting PLT on completion of the installation

WO No :- LNE/WO/Kola/2018-19/05
 Dated:- 19.09.2018

Name : GEOTREAT
 Address 83/46 Dum Dum Road,
 Kolkata 700074
 GSTN No. 19ACHAPC0512A1Z1
 SAC Code:-9954
 Contact Person:- Amit Chatterjee
 Phone 7980353221
 email:- amit.geotreat@gmail.com

Site Address Prospace Industrial Park
 Serampore
 Hooghly, W.B.
 Site Contact Person Mr. Abhijit Sadhukhan
 Ph. No. 8617381939

Reference : Revised quotation No. GFE:EP:762 dated 19.08.2019

<u>Job Starting</u>		<u>As early as possible</u>				
		<u>Job Description</u>	<u>Unit</u>	<u>Qty</u>	<u>Rate</u>	<u>Amount(Rs)</u>
<u>Payment Terms</u>	1)30% advance along with order and balance after 21 days from submission of bill	Mobilisation of plant and equipment to site	LS	1	25000	25000.00
		Installation of 125 mm dia 8 m long (BGL) slender displacement granular piles (coarse sand)	Nos	84	1215	102060.00
		Supply & provide expandable MS flat shoes	Nos	84	36	3024.00
		Hydraulic pouring of grains supplied by you at site and gradual removal of mandrel	Nos	84	75	6300.00
		Conducting PLT using 450 mm x 450 mm x 25 mm sized test plates upto 30 T per m2 or 25 mm settlement of the test plate whichever occurs earlier.	Nos	2	19000	38000.00
		Total				174384.00
<u>Acceptance Criteria</u>	1. As per our client and site engineer's acceptancy & certification. 2. Specification As per your Quotation no. GFE:EP:762 dated 19.08.2019	<u>Add:-</u>	GST 18%		31389.12	
		Total value with tax(R/O)				205773
<u>Bill Submission</u>	Bills to be submitted along with approved certified copy by our Client & LNE personnel					

Amount in words : Two Lac five thousand seven hundred seventy three only

A. Terms and Condition

- 1) Site mobilisation from 25/08/2019 early morning
- 2) Completion time 10 days from issue of order
- 3) No extra claim allowed out of order
- 4) Quantity may be varied. Payment will be made as per actual qty certification

AMAR SAMANTA

(Proprietor of L.N.Enterprise)

-:LIST OF JOBS EXECUTED:-

Soil:-

SL No	Description of Work	Work Order No.	Work Order Date	Client	Amount (Rs.)
1	Soil Investigation Work at Joda TSL Mines	1	01/04/2009	L&T Ltd.	10,03,688/-
2	Soil investigation works for Tata Steel-KPO Larsen and Toubro Limited-ECC Division C/o. ECC Division Kalinganagar	144	01/10/2010	L&T Ltd. ECC Division	38,15,932/-
3	Soil Investigation Work at Down Stream Side of 1st Stage Damat Jaduguda	UCIL/Civ-504/453/2013	01/03/2013	Uranium Corporation Of India Ltd.	2,47,890/-
4	Soil Investigation Work in Process Plant area at Turamdih, Singhbhum	T-709	06/07/2013	Uranium Corporation Of India Ltd.	61,57,000/-
5	Geotechnical Investigation Work at Captive Power Plant of NSCL Located inside DSP, Durgapur	WONo. TIPL/WO-007/16-17	23/01/2017	TAKSHVI INFRA PVT. LTD.	12,46,948/-
6	Ground Water Study at West Bokaro	3000112814/902	13/07/2017	TATA Steel Ltd.	94,400/-
7	Sub Soil Investigation Work for WBMSCL Medical College at Coochbehar	W.O.No. EG147W OD7000001	24/07/2017	L&T Ltd.	4,42,379.40
8	Soil Investigation and Survey work	RM/24PNR/CI VIL/Order/Barasat/2821	12/12/2017	WBSEDCL (North 24 Parganas)	1,12,690/-
9	S.I. at Uranium Ore Hoisting System, Turamdih Mines	T-1004	08/01/2018	Uranium Corporation of India Ltd.	6,78,205/-
10	Detailed Soil investigation for 2nd Aluminium Foil Mill for Jindal	4500041272	12/01/2018	Jindal (India) Limited	2,35,410/-
11	Field Density Test & Standard Proctor Test at Dhapa MSW, Kolkata	4200006079	03/02/2018	Saurashtra Enviro Projects Pvt. Ltd.	10,620/-
12	Geological Investigation for Ground Treated Soil at Maintenance Shaft, East-West Metro, Howrah	1674/VK/QSD/ WO-061	05/03/2018	Afcons Infrastructure Ltd.	82,859.60/-
13	Plate Load Test, S.I Work and other site works at MCL, Bhubaneswari site, Talcher, Odisha	EG310WOD8000014	03/04/2018	L&T Ltd.	2,71,528.62/-

**GEOTREAT**

14	ERT at five locations, Kidderpore Factory, 1,Transport Depot Road, Kolkata	DO12407416	13/04/2018	Hindustan Unilever Ltd.	47,200/-
15	Geological Investigation for the proposed 33/11 KV Sub-Station at Larica Township, Barasat	5300210132	17.04.2018	W.B.S.E.D.C.L North 24-Pargans	54,870/-
16	SPT at Raiganj for WBMSCL Project	EG146WOD800 0032/2	23/04/2018	L&T Ltd.	17,18,584.28/-
17	Pressure Grouting for Demo area of 10 m x 10 m intriangular pattern at Raijang Medical College Project	EG146WOD800 0032/2	23/04/2018	L&T Ltd.	2,01,185.87/-
18	Geotechnical Soil Investigation at ETP Joda and Briquetting Plant, Joda, Tata Steel	3000118845/0 56	04/05/2018	Tata Steel Limited	5,83,632.72/-
19	Geotechnical Soil Investigation at WTP Bichakundi, Tata Steel	3000118829/0 56	04/05/2018	Tata Steel Limited	4,82,466.60/-
20	Geotechnical Soil Investigation at ETP, Bamniral, Tata Steel	3000118845/0 56	04/05/2018	Tata Steel Limited	3,59,805.60/-
21	SI Work	4600012406	07/06/2018	TRANSTONNELSTROY AFCONS JV	30,91,175.20/-
22	S.I. work for G+4 storied building at Ghoshpara, Buicha, Fulia, nadia, WestBengal	120/18-19	31/08/2018	S.B. Enterprise	18,880/-
23	S.I. at CHPPCP Interlinking, West Bokaro	3000123024/9 02	15/11/2018	Tata Steel Limited	3,72,812.74/-
24	Core Drilling NX size and collection of core sample in corable formation by using TC & Diamond Drillbits	4600013891	01/01/2019	TRANSTONNELSTROY AFCONS JV	3,62,177.40/-
25	Sub Soil investigation work for Assam Cancer Care Foundation work at Barpeta, Assam	L&T/ECCD/B&F- KKCO/1240	28/01/2019	L&T Ltd.	32,84,907.60/-
26	Field Density Test on the compacted floor of the factory, Magpet Polymers Pvt. Ltd., Dadpur	PRK/1920/1000006	30/04/2019	Magpet Polymers Pvt. Ltd.	36,580/-

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27	S.I and Survey Work at Baranagar, Kolkata, W.B.	SCA/KOL/007 /06/19-20	06/06/2019	ERM India Pvt. Ltd.	1,70,222.08/-
28	Soil Investigation for proposed new control room building for Berachampa 33/11KV sub-station under Barasat Division in 24pgs. (N)	5300295860	02/08/2019	West Bengal State Electricity Distribution Company Limited	52,510/-
29	S.I work for Workshop shed at Ranihati for Jindal Steel Limited, Howrah, W.B.	4500060824	17/10/2019	Jindal (India) Limited	1,29,800/-
30	Geotechnical Investigation of Boiler Project Area	PO10916879	26/12/2019	Hindustan Unilever Limited	89,090/-
31	Drilling and grouting work at Kharagpur Plant	4010000007	18/01/2020	Bengal Energy Limited	7,55,672/-
32	Soil Boring Work at 41, Harish Mukherjee Road, Kolkata	Geotreat:230:001:2 0	07/02/2020	M/S SKM Geosurvey	73,160/-
33	Soil Investigation Work in Nandigram Project at Midnapur (E), W.B.	ASA/GEO/S1/1 9- 20/001	24/02/2020	ASA Consultancy Service	31,95,956.84/-
34	Standard Penetration Test at Raiganj	EG146WOD800 0032/5	10/10/2020	L&T Ltd.	65,111.39/-
35	Installation Stand Pipe Piezometer at Tata Steel, Joda, Odisha	TPCL/GEOTREAT /07092020/15	07/09/2020	TECHNOPLUS CONSULTANTS PVT. LTD.	1,65,033.27/-
36	Heavy Duty Slurry Pump for grouting at leftout Coal Mine Voids near Bajarangbali Weigh Bridge, Rampur NH-2, Salanpur, Asansol	SKP- MPD/MIN/SRIC /2020/91	05/11/2020	Indian Institute of Technology, Kharagpur	76,700/-
37	Soil Investigation at Kishalaya Home for new 33/11KV sub-station under Barasat Division, 24Pgs. (N)	5300359726	02/11/2020	West Bengal State Electricity Distribution Company Limited	1,00,890/-
38	Plate Load Test at Pakuria	U820N17-001	17/11/2020	SHYAM SEL & POWER LIMITED (PAKURIA)	24,190/-
39	Soil Investigation Work at Jalpaiguri Medical College Project	E-mail	04/12/2020	L&T Ltd.	3,31,198.27/-
40	Foundation Soil Stabilization of Statesman House, 4 Chowringhee Square, Kolkata	EUWOJ/00013 /20-21	10/12/2020	MERLINPROJECTS LIMITED	3,72,485.88/-

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41	Cone Penetration Test at WBPKG-A Raiganj Project at North Dinajpur, W.B.	EG146WOR1000 033	30/01/2021	L&T Ltd.	66,670/-
42	Geotechnical Investigation work at Shapoorji More, Afcons Casting Yard, New Town	1682/ANVS/JK Y/WO/01	05/02/2021	Afcons Infrastructure Ltd.	1,14,288.90/-
43	Conducting PLT in Raiganj District Hospital, North Dinajpur, W.B.	Nil	31/03/2021	L&T Ltd.	1,48,680/-
44	Diamond Core Drilling at Shree JalMandir, Shikharji Hill, Madhuban, Jharkhand	001/2021-22	05/04/2021	ADCORE DEVELOPERS LLP.	7,22,160/-
45	Concrete core cutting & Lab testing at Jangalpur	4500077727	04/05/2021	JINDAL (INDIA) LIMITED	34,000/-
46	Soil Investigation at Eternis Housing Project, Barasat, North 24 Parganas	5300427343	25/06/2021	WBSEDCL	99,710/-
47	Geotechnical Investigation/Soil Investigation-Safe Bearing Capacity at Fort William, Kolkata	WO/RYSA/2021- 22/077	03/09/2021	Rysa Infratech Pvt. Ltd.	21,240/-
48	S.I. Work at Ambuja Cements, Farakka, Murshidabad	2800866735/1 /NE18	24/10/2021	Ambuja Cements Ltd. (Unit: Farakka)	75,225/-
49	S.I. Work at Buddha Park, Kalyani (Animal House Site), Nadia, WB	OSIPL/21- 22/PO/GEO/0 911	09/11/2021	Orchid Scientific & Innovative India Pvt. Ltd.	46,728/-
50	S.I. Works-132/33KV Chapra, GIS Site, Nadia	LE/LE180489/ WOD/21/0000 03	15/12/2021	L&T Construction	73,207/-
51	S.I. Work at DVC Township, Raghunathpur, Purulia	RPJDPL/RTPS /2021- 22/0010	14/12/2021	R.P. JEET Developers Pvt. Ltd.	20,72,536/-
52	Soil Investigation Work for installation of one forging press at Ghosuri, Howrah	SF/FAC/PUR/05- 002/22-23	23/05/2022	Super Forgings & Steels Limited	59,590/-
53	Soil Investigation Work at Haldia, Purba Medinipur	RKC/CIV/005	30/06/2022	M/s. Rajkamal & Co	4,04,622/-

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54	Geotechnical Investigation Work at Birshipur, Foundry Park, Amre, SaraswatiComplex,Ankurhati	POS/40045/22-23	06.07.2022	R.B.Agarwalla& Co.	3,26,624/-
55	Geotechnical Investigation Work at Box Pushing area and submission of reports of Titumir-Airport Metro Project,Afcons,RVNL,Kolkata	1682/JKY/WO/TC/070(R1)	24.11.2022	Afcons Infrastructure Limited	2,03,921/-
56	MODIFIED PROCTOR TEST AT RANIHATI, HOWRAH	4800001166	02.05.2023	JINDAL (INDIA) LIMITED	30,680/-
57	Geotechnical Investigation at Schneider Site, Srirampur, West Bengal	AWPL/01/23-24	09.05.2023	AMARKANTAK WAREHOUSING PRIVATE LIMITED	80,051/-
58	Soil Investigation Work in Kharagpur Project at Medinipur (W), WB	ASA/GEO/QU04/23	27.05.2023	ASA CONSULTANCY SERVICE	2,01,780/-
59	Soil Investigation Work at Domjur. Howrah, West Bengal	SIPVT/001/23-24	19.07.2023	S I SURGICAL CORPORATION	67,850/-
60	Drilling and Installation of Inclinator pipe at Subway, Howrah Station, under Kolkata Metro Rail Corporation - UG1 package	KOMT/MWO/337	14.09.2023	TRANSTONNELSTROY AFCONS JV	2,37,180/-
61	Boring for Instrumentation Installation for RVNL Metro Project - Package ANVS near Kolkata Airport.	1682/JKY/WO/TC/101	08.09.2023	AFCONS INFRASTRUCTURE LIMITED	3,77,540/-
62	Soil Investigation Works at IOCL-Haldia, Refinery Project Site, East Midnapur, West Bengal	ASA/GEO/WO/02	10.11.2023	ASA CONSULTANCY SERVICE	1,76,764/-
63	Micro Piles and Load Testing at Woodlands Multispeciality Hospital, Kolkata, West Bengal	E-mail	27.11.2023	M/S RANU ENTERPRISE	57,820/-

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64	Cement grouting of 150 mm dia. boreholes for Instrumentation Installation for RVNL Metro Project-Package ANVS near Kolkata Airport	1682/JKY/WO/TC/112	20.11.2023	AFCONS INFRASTRUCTURE LIMITED	75,520/-
65	Assistance in Removal of old Brick Foundation at Woodlands Hospital expansion Project SH: Diaphragm Wall, Woodlands Superspeciality Hospital, Kolkata, West Bengal	7600112861	29.01.2024	KEC INTERNATIONAL	4,72,000/-
66	S.I. work at Subway location near Rishra Railway Godown, Rishra, Hooghly	E-Mail	29-03-2024	Raitani Engineering Works Pvt Ltd	41,890/-
67	Soil Investigation work at Plant Area, BMW Industries Ltd., Howrah	6000028690	07-03-2024	BMW Industries Ltd.	1,52,810/-
68	Soil Investigation work at AMRI Rajarhat, Kolkata	MEST-4700006051	31.05.2024	Manipal Health Enterprises Pvt.Ltd.	3,21,856.80/-

**GEOTREAT****Pile:-**

SL No	Description of Work	Work Order No.	Work Order Date	Client	Amount (Rs.)
1	Installation of Cast-in-Situ Bored 600mm dia Piles at Lafarge GU Expansion Project, Jojobera	E98	29.10.2009	L&T Ltd.	63,00,000/-
2	Installation of Cast-in-Situ Bored 600mm dia Piles & Initial Load Test, Pile Integrity Test at Godrej Prakriti, Sodepur, Kolkata	E17	28.02.2015	L&T Ltd.	61,80,000/-
3	Installation of 400mm & 500 mm dia Augur Bored Cast-in-situ PCC Piles at ITC MXD Rajarhat	EF170WOD7000 203	16/11/2017	L&T Ltd.	3,67,239.60/-
4	Installation of Cast-in-Situ Bored 150 nominal dia Piles for boundary wall of TCE Office Bldg., Salt Lake	FSMPL/TCE/BW/W O-001/18-19	09/04/2018	Four Sigma Management Pvt. Ltd.	3,34,766/-
5	Installation of DMC Cast-in-situ bored piling at Kalyani AIIMS Project, Kalyani, Nadia	ACIL/AIIMS/W O-09/18-19	02/05/2018	Ahluwalia Contracts (I) Ltd.	63,71,268/-
6	Bored piles at MilonMela Complex, 5, Haldane Avenue, Kolkata	ACIL/MM- 2/20/18-19	01/08/2018	Ahluwalia Contracts (I) Ltd.	15,73,140.60/-
7	Installation of DMC cast-in-situ bored piles for Amity University Project, Rajarhat [Block G]	ACIL/AMITY/18 -19/BG-07	November 20 18	Ahluwalia Contracts (I) Ltd.	27,33,541.98/-
8	Slender RCC bored piles 250 mm dia 20 m depth at liftwell of Salt Lake Stadium & Sector V stations of KMRCL	DGM/KMRCL/1 EOTREAT/2018-19	29/01/2019	DGM Construction	4,33,175.64/-
9	Installation of 450 mm dia Cast-in-situ bored piles with DMC Method for construction at Pepsico, Dhulagarh	SSPL/WO/PEPSICO/ 48/2019 -20	08/04/2019	M/S Sathlokher Synergys Pvt. Ltd.	88,500/-
10	Installation of 450 mm dia Cast-in-situ bored piles with DMC Method for construction at Pepsico, Dhulagarh	SSPL/WO/PEPSICO/ 59/2019 -20	08/04/2019	M/S Sathlokher Synergys Pvt. Ltd.	3,40,548/-
11	Installation of Cast-in-situ DMC bored piles 800 & 600 mm dia at Haringhata, Birahi, Nadia	ACIL/AMITY/18 -19/SH-01	Nov-2019	Shapoorji Pallonji & Co. Pvt. Ltd.	5,96,676.44/-
12	Installation of cast-in-situ DMC bored piles 800 and 600mm dia at Haringhata, Birahi, Nadia	SP/CAL/3000 /2019/WO/208	22/07/2019	Shapoorji Pallonji & Co. Pvt. Ltd.	1,80,824.38/-
13	Hire Charge for Pile Integrity Testing setup of "PILE TEST"	37AB979888	19/09/2019	M/S A2S CONSTRUCTIVE	1,18,000/-

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14	Installation of DMC 450mm dia pile at Sreerampore, Hooghly	Nil	04/02/2020	PROSPACE INDUSTRIAL PARKS Pvt. Ltd.	73,57,846/-
15	Installation Stand Pipe Piezometer at Tata Steel, Joda, Odisha	TPCL/GEOTREAT/07092020/15	07/09/2020	TECHNOPLUS CONSULTANTS PVT. LTD.	1,65,035.66/-
16	Installation of Cast in-situ DMC bored piles 600mm dia at HIDCO AFFORDABLE HOUSING, Rajarhat near Akankha More	ACIL/HAHP/R0 /07	Sept'21	Ahluwalia Contracts (I) Ltd.	47,95,000/-
17	DMC Method of 450 mm dia. pile at Shirampore, Hoogly	Nil	22.03.2022	ASO CEMENT LIMITED	11,64,025.50/-
18	100 mm dia Micro Piles Work at Woodlands Multispeciality Hospital, Kolkata 700027	e-mail	27-11-2023	M/S RANU ENTERPRISE	14,53,760/-
19	100 mm dia Micro Piles and Load Testing Work at Woodlands Multispeciality Hospital, Kolkata 700027, West Bengal	e-mail	27-11-2023	M/S RANU ENTERPRISE	57,820/-

Other Works:-

SL No	Description of Work	Work Order No.	Work Order Date	Client	Amount (Rs.)
1	Construction of RCC Trestle for cross country pipe conveyor at 4X250 MW OP Jindal Super Thermal Power Plant at Tamnar, Raigarh, Chattisgarh	P 045/CivilWork/Geotreat /1/11	02/02/2006	MACMET INDIA LTD.	42,79,000/-
2	Topographical Survey for OLC, Khondbond	800006896/109	26/12/2011	TATA STEEL LTD.	7,57,025.50/-
3	Proposed G+4 storied building at Premises No. 08-0909, Plot No.1264, AA-IIIC, New Town	SCA/CIVIL/09 /18-19	26/04/2018	M/S Sunil Chowdhury & Associates	38,940/-
4	Structural column dismantling work at ITC MXD Rajarhat	EF170WOR800 0182	14/11/2018	L&T Ltd.	49,560/-
5	Fixing of shear connector	4600015317	26/07/2019	TRANSTONNELSTROY AFCONS JV	4,90,665.24/-