

03/03/2024/7827

11/03/2024

CIN: U45500TG2018PTC123496



INTELLIRO INFRASTRUCTURE PRIVATE LIMITED

Plot No.70, Anshu Colors, 3rd Floor, Road No.1, Jubilee Hills, Hyderabad - 500 033.
Email : info@iiplinfra.in Cell : 9100913226

Ref: MH/Pkg-IV/WO/Soil/Investigation/KDM/HO/3

Date: 29.02.2024

M/s. KDM Engineers (I) Private Limited
B-12-96/S/401, Sri Ramana Colony
Karmanghat, Hyderabad – 500 079
Phone – 93929 14483

Mail ID: gupta.illuri@kdmengineers.com

Kind Attn- Shri. I. Chandra Sekhar Gupta, Director

Sub: Work order for Soil Investigation/Exploration required for designing of Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs for construction of Railway line Project Name "Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line of Central Railway in Maharashtra State." - reg

Dear Sir,

With reference to discussions held with you regarding the above referred subject at our office, we are pleased to issue this work order for execution of part of subject work with the following terms and conditions:

Bill of Quantities: Attached as Annexure I.

Scope of Work:

Providing Services for Soil Investigation works complete as per specifications/standards and as directed by the project manager/PMC/RVNL at site.

Quantity mentioned in the BOQ may Increase or Decrease.

Taxes:

You shall pay all taxes, fees, license charges, deposits, duties, tolls, royalty, commissions or other charges. GST returns and pay the tax in time for the bills submitted and work completed and certified. Payment will be released only after submission of proof of GST return and GST challan to that extent. Any interest or penalty arises due to non-filing of returns and non-payment of tax will be on account of KDM.

Completion Period:

Time period for completion will be 1 Month after issuing work order, you have to mobilize the site with all required manpower and technicians as per the schedule.

Tools, Plants, Consumables & Other Materials.

All tools and plants, Consumables & Other Materials required are in the scope of KDM.

Terms of Payment:

25% of the work order value shall be paid against mobilisation and starting of the work with required tools, plants, machinery and manpower.

50% of the work order value shall be paid after completion of work.

15% of the work order value shall be paid after submission of final reports and obtaining our PMC and RVNL. If any changes required by PMC/RVNL the same shall be incorporated and shall be submitted at no extra cost.

10% of the work order value shall be paid after submission of approval of Final reports

If any explanation required by PMC/RVNL in person the same shall be cleared by your expertise in the same cost.

You shall submit the reports in number of copies decided by PMC/RVNL and a copy to IIPL. If soft copy if required the same shall be submitted to PMC/RVNL/IIPL.

Payment shall be in monthly basis as per the actual measurement certified by IIPL and will be released within 30 days from the date of certification of your RA Bills.

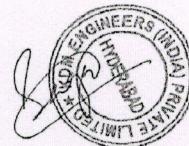
TDS at source will be deducted from your RA bills as per rules applicable from time to time and certificate for the same shall be issued. You shall have Maharashtra State GST Registration before starting the work

Reports:

All submission reports on the name of M/s. PMPL - RSVCPL JV, Plot No: 77, Jubilee Enclave, Opp. Hitex, Madhapur, Hyderabad – 500081, Telangana, India.

Special Conditions:

1. Penalty clause will be imposed for the delay attributable to contractor in arranging the required workmen. Any delay or insufficient mobilization at the time of starting the work, if attributable to the contractor, and/or the site work suffers for want of required inputs from the contractor and as on improvement of site mobilization the deducted amount will be released along with the final bill, after deducting all the expenditures incurred by M/s. IIPL in arranging such required inputs. The deduction will be as per M/s. IIPL norms.
2. The total job shall be completed within contract period as decided by IIPL.
3. M/s IIPL has the right to terminate the contract at any point of time without assigning any reason.
4. Any loss/theft/damage of Erection material will be charged on contractor.
5. Man power and T&P has to be increased as per the site requirement.
6. Soil test reports to be submitted as per the requirement of M/S IIPL
7. Water for drilling of bore holes provided by Power Mech. In Case of not provided, above mentioned price will be paid to contractor extra.
8. location of bore hole point will be given by Powermech /RVNL

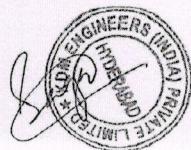


M/s. KDM 's RESPONSIBILITY

1. PROJECT INCHARGE with good relevant experience has to be deployed to complete the entire job up to the satisfaction of M/s.IIPL/PMC/RVNL.
2. You shall deploy all the experienced skilled, semiskilled and unskilled workmen required for all the works under these specifications.
3. IIPL reserves the right to decide on the suitability of the workers and other personnel who will be deployed by the contractor. IIPL reserves the right to insist on removal of any employee of the contractor at any time, if they find him unsuitable and the contractor shall forth with remove him.
4. Local conveyance of your workers& staff.
5. Accommodation for Staff and Labor, other amenities provided by you only.
6. Ensure that 24 hours working has to be carried out for completing the work within the schedule period
7. No's of copy's of test reports provided by contractor as per instruction of Power mech
8. You shall submit the details of mobolisation & work programme within 7 days from the date of issue of this work order

Other Terms and Conditions: -

1. **Labour Laws:** You shall be at all times during the continuance of Contract comply with labour laws, all existing acts regulation and by-laws including any statutory amendments and re-enactment of the State Government, Central Government & Local authorities applicable to the place of work regarding labour enactment, minimum wages and factory acts, workmen compensation act, health and sanitary arrangements for workmen, insurance and other benefits indemnified in case the sub-contractor commences any action for contravention. No extra payment shall be made to comply with these labour laws by us. All records to be maintained & produced to the concerned authorities as and when directed to do so.
2. **Safety Rules & Regulations:** You are responsible for safety of your staff & employees of other agencies working in your area of operation. You shall delegate the responsibility of implementation of safety rules to one of your staff and you shall follow all safety measures required for this nature of work.
3. **Insurance:** All machinery deployed at site should have valid RTO passing, papers and third party liability and insurance policy. Drivers and Operators must have their valid license during the duty hours. You shall also take adequate insurance coverage for your staff and equipment/ machinery. You shall always indemnify IIPL due to any accident/incident at site.
4. You shall be responsible and liable for timely execution of the work, as per Specifications, drawings (as approved by Authority) and codal provisions as per instructions of Engineer.
5. Any dispute or difference of opinion shall be resolved through direct and mutual discussion between you and Director of IIPL. In the case of difference of opinion still persisting then decision of the Director, IIPL, will be final and binding to both the parties.
6. Termination: If at any time during the currency of the Work Order, we observe repeated defaults, unsatisfactory performance, breach of any terms and conditions of the Work Order or your non – compliance with any statuary requirements, we reserve the right to terminate the

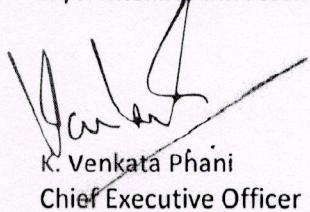


contract forthwith and such termination shall be effective immediately on our issuing letter of the termination thereof. Such termination shall not create any claim for damages or any liabilities for ourselves.

7. You shall indemnify IIPL from all the risks, costs and consequences arising out of execution of your scope of work under this Work Order during any and all stages of operations of various activities connected with this Work Order.
8. If you leave the site without completing the works mentioned in Annexure – I the same shall be executed by placing other agency or IIPL at your risk & cost.

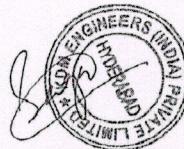
This Work Order has been sent in Duplicate. By signing on the Duplicate copy, you expressly agree and confirm that you have fully understood and examined each of above rates, terms & conditions and you shall abide by the same during the execution of this Work Order.

M/s. Intellirio Infratech Pvt. Ltd.,



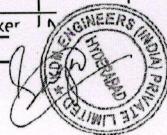
K. Venkata Phani
Chief Executive Officer

(Accepted by)
M/s. M/s. KDM Engineers (I) Private Limited



Proprietor

BOQ	S.No	Description	Quantity	UOM	Rate in Rs.	Amount in Rs.
	1	Mobilization & Demobilization of all equipment and personal etc. including 3 Rigs.	3	LS	20,000	60,000
	2	Exploratory drilling of Boreholes down to required depth up to 0-15 M , drilling of 150mm diameter boreholes in all type of soils including refilling andreinstating surface, and disposing off surplus material Including use of mechanical rigs with poweroperated winches as well as percussion / chiselling tool for advancing through occasional seams of hardstrata to be employed, where necessary in Dry area. The rates include taking out samples and conducting all tests as per requirement of relevant IS codes and preparation of final report giving complete and comprehensive record of investigations, laboratory reports and calculations in approved format. The report shall include recommended foundation type for each important and major/minor bridge along with reasons	200	RM	1,313	262,600
	3	Exploratory drilling of Boreholes down to required depth up to 16-30 M , drilling of 150mm diameter boreholes in all type of soils including refilling andreinstating surface, and disposing off surplus material Including use of mechanical rigs with poweroperated winches as well as percussion / chiselling tool for advancing through occasional seams of hardstrata to be employed, where necessary in Dry area. The rates include taking out samples and conducting all tests as per requirement of relevant IS codes and preparation of final report giving complete and comprehensive record of investigations, laboratory reports and calculations in approved format. The report shall include recommended foundation type for each important and major/minor bridge along with reasons	100	RM	1,575	157,500
	4	Exploratory drilling of Boreholes down to required depth up to 0-15 M , drilling of 150mm diameter boreholes in all type of SDR (Semi Dense Rock) including refilling andreinstating surface, and disposing off surplus material Including use of mechanical rigs with poweroperated winches as well as percussion / chiselling tool for advancing through occasional seams of hardstrata to be employed, where necessary in Dry area. The rates include taking out samples and conducting all tests as per requirement of relevant IS codes and preparation of final report giving complete and comprehensive record of investigations, laboratory reports and aculations in approved format. The report shall include recommended foundation type for each important and major/minor bridge along with reasons	150	RM	1,995	299,250
	5	Exploratory drilling of Boreholes down to required depth up to 16-25 M , drilling of 150mm diameter boreholes in al ltype of SDR (Semi Dense Rock) including refilling andreinstating surface, and disposing off surplus material Including use of mechanical rigs with poweroperated winches as well as percussion / chiselling tool for advancing through occasional seam of hardstrata to be employed, where necessary in Dry area. The rates include taking out samples and conducting all tests as per requirement of relevant IS codes and preparation of final report giving complete and comprehensive record of investigations, laboratory reports and aculations in approved format. The report shall include recommended foundation type for each important and major/minor bridge along with reasons	75	RM	2,100	157,500
	6	Drilling of NX size borehole (75 mm dia) in all types of hard rock (fresh rock) and collection of rock core samples from boreholes and preserving in boxes for depth 0 -3 m . The rates include taking out samples and conducting all tests as per requirement of relevant IS codes and preparation of final report giving complete and comprehensive record of investigations, laboratory reports and calculations in approved format. The report shall include recommended foundation type for each important and major/minor bridge along with reasons.	100	RM	3,150	315,000
	7	Drilling of NX size borehole (75 mm dia) in all types of hard rock (fresh rock) and collection of rock core samples from boreholes and preserving in boxes for depth3-6 m . The rates include taking out samples and conducting all tests as per requirement of relevant IS codes and preparation of final report giving complete and comprehensive record of investigations, laboratory reports and calculations in approved format. The report shall include recommended foundation type for each important and major/minor bridge along with reasons.	75	RM	3,360	252,000
	And after 6 meters for every 3 meters there will be increase of Rs.450 per RM					
	8	Conducting required relevant laboratory tests of DS, SPT & Core sample at various depths as per IS specification. In case of soil sample (i) Moisture Content/Dry density (ii) Atterbergs Limit (iii) Specific Gravity (iv) Grain Size Analysis (v) Direct Shear Test In case of Rock sample (i) Density test (ii) Water absorption & porosity (iii) Unconfined compression test (iv) Point Load test	500	Meter	420	210,000
	9	Preparation of reports and Submission of Final report giving completed comprehensive record of investigation laboratory test reports and calculations including all reports	1s			175,000
	10	Water for Drilling Unit of measurement - per tanker	Per Tanker		1,500	1,500
	11	Soil				



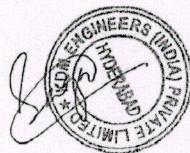
BOQ

S.No	Description	Quantity	UOM	Rate in Rs.	Amount in Rs.
a	Sieve Analysis	15	each	550	8,250
b	Freewell Index	15	each	550	8,250
c	Atterberg Limits	15	each	850	12,750
d	Conducting test for determination of California Bearing Ratio as per IS: 2720	100	each	3,000	300,000
e	Standard/Modified Compaction	15	each	2,000	30,000
12	Preparing and providing core boxes of required shape and size to preserve soil samples and rock cores on site Unit of Measurement-Per BOX	Each box	Rate only	1,100	1,100
13	Erection of rotary and all equipment from place to place in each borehole location and subsequent.	no	Rate only	2,000	2,000
Total Value					2,252,700

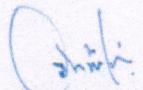
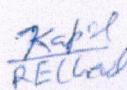
Note: The above rates excluding GST

You shall mobilise minimum 3 rings to site

The above individual quantity may vary as per site conditions and the work has to be executed at same rate.

Format No:

 <p>Rail Vikas Nigam Limited A Government of India Enterprise</p>	Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.
Client	: Rail Vikas Nigam limited
PMC	: TYPSC India Pvt. Ltd.
Contractor	: M/s. PMPL- RSVCP JV
<u>SAMPLE CARD</u>	
Date of Sampling	07.03.2024
Sampled By	Kapil Dev
Sample No	01
Type of Materials	Borrowed Soil Sample no: 1
Location	CW: 399, Mantravillage, Hadgaon
Sample Collect Location	
Source of Material	Borrow area
Proposed Use	Filling in Embankment
SAMPLE QUANTITY :	
Remarks:	
.....	
 Contractor's Representative	 RVNL/PMC Representative

Format No:

 <p>Rail Vikas Nigam Limited A Government of India Enterprise</p>	Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.
Client : Rail Vikas Nigam limited	
PMC : TYPSC India Pvt. Ltd.	
Contractor : M/s. PMPL- RSVCP JV	
<u>SAMPLE CARD</u>	
Date of Sampling	07.03.2024
Sampled By	Kapil Dev
Sample No	02
Type of Materials	Borrow Soil, Sample no: 2
Location	Manatra village
Sample Collect Location	G.N: 399, Manatra
Source of Material	Borrow Area
Proposed Use	Filling for Embankment
SAMPLE QUANTITY :	
Remarks:	
.....	
Contractor's Representative	 Kapil RE(Geology) RVNL/PMC Representative

Format No:

Format No:

 Rail Vikas Nigam Limited A Government of India Enterprise	Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.
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Client : Rail Vikas Nigam limited

PMC : TYPSC India Pvt. Ltd.

Contractor : M/s. PMPL- RSVCP JV

SAMPLE CARD

Date of Sampling	07. 03. 2024
Sampled By	Mr. Kapil Dev
Sample No	04
Type of Materials	Borrow Soil, Sample 04
Location	Manatra village
Sample Collect Location	G.N. 379, Manatra
Source of Material	Borrow Area
Proposed Use	Filling for Embankment

SAMPLE QUANTITY :

Remarks:

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.....
.....



Contractor's
Representative

Kapil
PE(Headology) RVNL/PMC
Representative

Format No:



Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.

Client : Rail Vikas Nigam limited

PMC : TYP SA India Pvt. Ltd.

Contractor : M/s. PMPL- RSVCP JV

SAMPLE CARD

Date of Sampling	07.03.2024
Sampled By	Mr. Kapil Dev
Sample No	05
Type of Materials	Borrow Soil, Sample 05
Location	Manatra village
Sample Collect Location	Gn# 404, Mantra village.
Source of Material	Borrow Area
Proposed Use	Filling in Embankment

SAMPLE QUANTITY :

Remarks:

[Signature]
Contractor's
Representative

Kapil
RE (Geology)
RVNL/PMC
Representative

Format No:

 <p>Rail Vikas Nigam Limited A Government of India Enterprise</p>	Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.
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Client : Rail Vikas Nigam limited

PMC : TYPSA India Pvt. Ltd.

Contractor : M/s. PMPL- RSVCP JV

SAMPLE CARD

Date of Sampling	07. 03. 2024
Sampled By	Mr. kapil dev
Sample No	06
Type of Materials	Borrow Soil, sample no: 06
Location	Manatra village
Sample Collect Location	G No: 40, Manatra
Source of Material	Borrow Area
Proposed Use	Filling for Embankment

SAMPLE QUANTITY :

Remarks:

.....
.....
.....



Contractor's
Representative

Kapil
RE(Reology) RVNL/PMC
Representative

Format No:

 Rail Vikas Nigam Limited A Government of India Enterprise	Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.
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Client : Rail Vikas Nigam limited

PMC : TYPSC India Pvt. Ltd.

Contractor : M/s. PMPL- RSVCPL JV

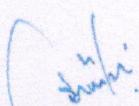
SAMPLE CARD

Date of Sampling	07. 03. 2024
Sampled By	Mr. Kapil Dev
Sample No	07,
Type of Materials	In Alignment Soil , Sample no: 07
Location	CH: 252.500
Sample Collect Location	Chuncha, Hingoli, GN: 226
Source of Material	Alignment
Proposed Use	stabilization of Embankment.

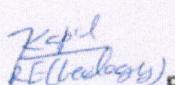
SAMPLE QUANTITY :

Remarks:

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.....
.....



Contractor's
Representative



RVNL/PMC
Representative

Format No:



Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.

Client : Rail Vikas Nigam limited

PMC : TYP SA India Pvt. Ltd.

Contractor : M/s. PMPL- RSVCPL JV

SAMPLE CARD

Date of Sampling	07. 03. 2024
Sampled By	Hr. Kapil Dev
Sample No	08
Type of Materials	Alignment soil, Sample no: 08
Location	Ct. 251, 300
Sample Collect Location	Kawatra, Hadgaon
Source of Material	Alignment
Proposed Use	Embankment

SAMPLE QUANTITY :

Remarks:

✓ 100%

**Contractor's
Representative**

Kapil
RE(Headology) RVNL/PMC
Representative

Format No:

 रेल विकास निगम लिमिटेड राष्ट्रीय रेलवे कंपनी Rail Vikas Nigam Limited A Government of India Enterprise	Name of the Project : Package -IV: Construction of Road Bed, Major Bridges, Minor Bridges, ROBs, RUBs, including road approaches, Station Buildings, Staff Qtrs, Other Service buildings, HL Platforms, COPs, FOBs, General electrical work and other works related to construction of Yavatmal-Nanded New BG Line from Km: 207 to Km: 253 of Central Railway in Maharashtra State.
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Client : Rail Vikas Nigam limited

PMC : TYPSC India Pvt. Ltd.

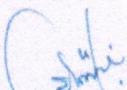
Contractor : M/s. PMPL- RSVCP JV

SAMPLE CARD

Date of Sampling	07. 03. 2024
Sampled By	Mr. Kapil Dev
Sample No	09
Type of Materials	Alignment Soil
Location	CH: 247. 500
Sample Collect Location	Gv: 103, Shivalik, Hadgaon.
Source of Material	Alignment
Proposed Use	stabilization for filling in embankment.

SAMPLE QUANTITY :

Remarks:


Contractor's
Representative


RVNL/PMC
Representative



INTELLIRO INFRATECH PRIVATE LIMITED

Plot No.70, Anshu Colors, 3rd Floor, Road No.1, Jubilee Hills, Hyderabad - 500 033.

Email : info@iiplinfra.in Cell : 9100913226

Date 07.03.2024

To

KDM Engineers (India) Pvt.Ltd.

Plot no 401, Karmanghat Rd, Ganesh Nagar

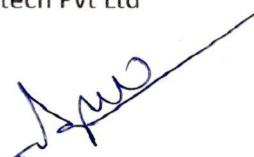
Sriramana Colony, Hyderabad, Telangana 500079

Sir,

We are sending Soil Samples to lab for testing enclosing Sample Cards please do need full.

Thank you

IntelliRo Infratech Pvt Ltd


Authorized Signature

Encl: Sample Cards As above.