



RailTel Corporation of India Limited

A Government of India (Ministry of Railways) Undertaking

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CORRIGENDUM-I

Tender Nos. RailTel/e-Tender/OT/SR/HQ/2022-23/166-170

Dt.28-02-2023

Tender no. RailTel/e-Tender/OT/SR/HQ/2022-23/166-170, Dt. 09-02-2023

Name of the Work: ““Laying of OFC and allied works for NMDC project of RailTel in NMDC Mine locations at Kirandul/ Bacheli / Donimalai / Panna / Paloncha”

Corrigendum-1 is issued herewith for change of depth from 1000 mm to 1200 mm deletion of warning brick, wherever mentioned in the tender document and new items for contact persons of NMDC regarding survey and protection works for lesser depth and date of opening etc as detailed below:

Item Description	As per Tender Document	To be Read as
Last date and time for submission of tender documents & online offers	03-03-2023 at 15:00 hrs	07-03-2023 at 15:00 hrs
Opening date and time of tender documents & online offers	03-03-2023 at 15.30 hrs.	07-03-2023 at 15:30 hrs
Page no 60 And wherever mentioned depth as 1000mm	Depth of trench shall be at least 1000 mm in normal soil/soft soil 1000 mm	Depth of trench shall be at least 1200 mm in normal soil/soft soil 1200 mm
SECTION III CHAPTER 1 3.3 Marking	The Contractor shall provide markers, warning bricks and warning tape as stipulated below for the routes where new PLB HDPE pipes are installed under this package	The Contractor shall provide markers and warning tape as stipulated below for the routes where new PLB HDPE pipes are installed under this package.
SECTION III CHAPTER 1 3.7 Trenchless digging	Trenchless digging may be used in short section for crossing National highways, important road or rail crossings or whenever the soil strata permit	3.7 Trenchless digging: As per Annexure-2
New item sl.no.24 of preamble	New item	24. Contact persons of NMDC at 5 locations for survey of prospective bidders As per Annexure-1 enclosed
SECTION III CHAPTER 1 3.2.1 (A) Protection works for less depth in specification	New item	3.2.1.(A) Protection works for less depth in specification As per Annexure-2 enclosed

All other terms and conditions of tender remain the same.

Sd/-
GGM/POM/SR
for RailTel Corporation of India Ltd

Annexure-1

24. Contact persons of NMDC at 5 locations for survey of prospective bidders

Sl. No	Location	Name of Person	Mobile	email
1	Donimalai	Mr. Sreekanth Babu	9032639870	skbabu@nmdc.co.in
2	Bacheli	Mr. Mohan Rao	9449871035	avmohan@nmdc.co.in
3	Kirandul	Mr. Shivdas Chikate	9425266304	sachikate@nmdc.co.in
4	Panna	Mr. Manish Shekhar	9006958201	manishshekhar@nmdc.co.in
5	Palvoncha	Mr. Sridhar	9573525464	msridhar@nmdc.co.in

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3.2.1.(A) Protection works for less depth in specification:

(a) Hard Rock:

- I. wherever hard rock is visible from **surface to a depth of 300 mm**, Rock has to be cut to a depth and width of 300mm & concreting to be done up to ground level with 1:2:4 PCC mix after laying of HDPE Duct and curing of concrete to the required number of days, except in bridges, culverts, level crossing, track crossing, loop chambers, rocky soil/rock including marking of cable alignment, clearing of debris etc., complete to the finished item of work as directed by the RailTel Engineer-in-Charge, vide drawing No. RAILTEL/SR/ OFC/2008/3.
- II. Where hard rock is encountered from a depth more than **300 mm up to 550 mm**, rock has to be cut to a depth and width of 200 mm, concreting to be done 200 x 200 after laying of HDPE Duct (PCC 1:2:4 mix) and curing of concrete to the required number of days, refilling with excavated soil, rammed and consolidated, complete to the finished item of work as directed by the RailTel Engineer- in-Charge vide drawing No. RCIL/SR/OFC/2008/4.
- III. Where hard rock is encountered from a depth more than **550 mm up to 1050 mm**, OFC has to be protected by concreting 200mm x 200mm after laying of HDPE Duct (PCC 1:2:4 mix) and curing of concrete to the required number of days, refilling with excavated soil, rammed and consolidated, complete to the finished item of work as directed by the RailTel Engineer-in-Charge vide drawing No. RAILTEL/SR/ OFC/2008/5.

Note: Gravel of the size of 20mm to be used for the PCC.

- 1.1.1 Wherever it is not possible to dig trench up to 1.2 meter depth due to site conditions, specific approval of site engineer / engineer's representative should be taken before digging trenches of lesser depth. Specific protection arrangement as mentioned above should be carried out.
- 1.1.2 Where the direction of the trench has to change, it should be done in a gentle curve of not less than one meter radius and not at sharp angles.

1.2 Concreting with CC of 1:2:4

The contractor has to do the protective works of concreting as per requirement. The OFC has to be protected with Concreting 0.3 x 0.3 to the approaches of bridges and culverts in the ratio (PCC 1:2:4 mix) wherever necessary as per the technical specification and as directed by RailTel Engineer-in-Charge at site.

3.7 Trenchless digging (using HORIZONTAL BORE METHOD: HDD)

All cable crossings across railway tracks & across road crossing at level crossing gates shall be done in horizontal boring method as detailed below:

"Drilling of 100mm dia **Horizontal Bore**, supply of 50 mm dia GI pipe across the Railway Track and road at LC Gates by boring method at a depth of 1200 mm from the ground level (ground level to be considered ignoring the bank height of track/road) and insertion of GI pipes etc., Complete to the finished item of work as directed by the RailTel Engineer-in-charge vide drawing No RAILTEL/SR/ OFC/2008/10 (In TWO sheets)". There should be no damage to the road/platform/tracks or any such structures etc., enroute during or after the HDD operations. The work includes supply of all accessories required for laying of HDPE pipes. Necessary precautions to be taken for safety of train traffic while execution of horizontal boring in the presence of concerned Railway Engineering Department officials.

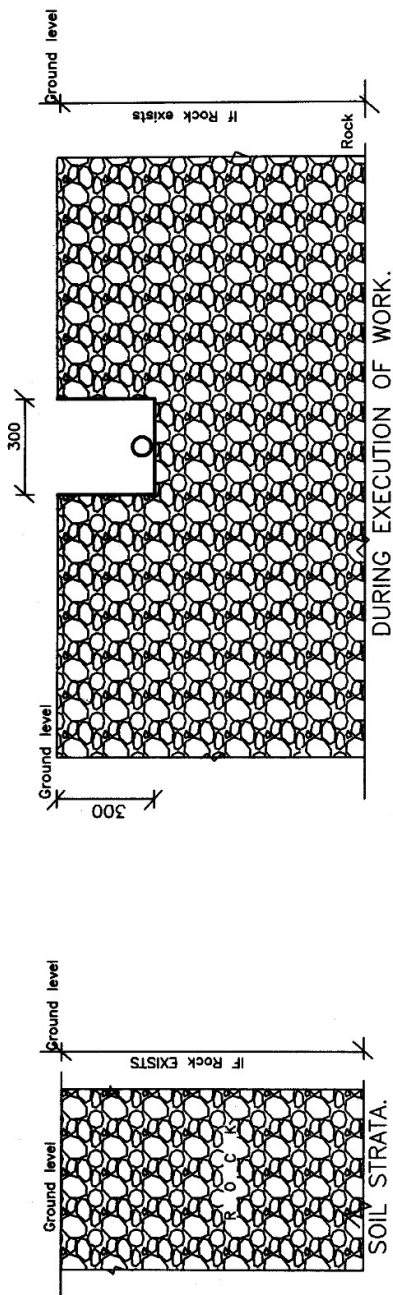
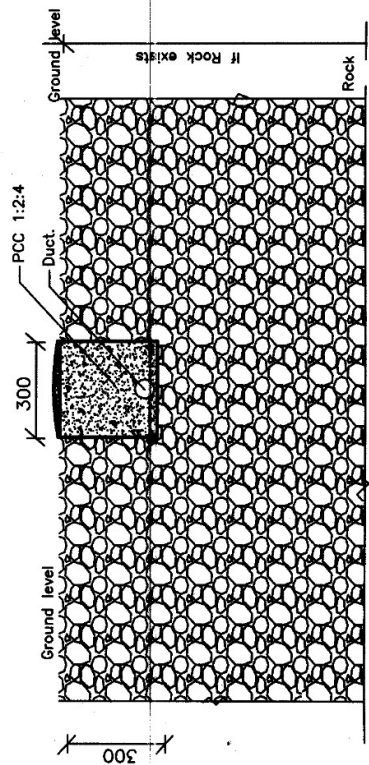


FIG.3.1

DURING EXECUTION OF WORK.

FIG.3.2

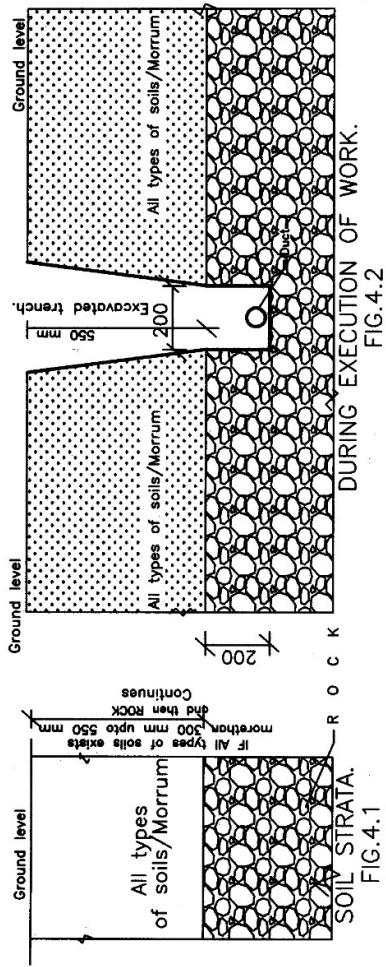
NOTE;
1.All dimensions are in millimetres.



AFTER COMPLETION OF WORK.

FIG.3.3

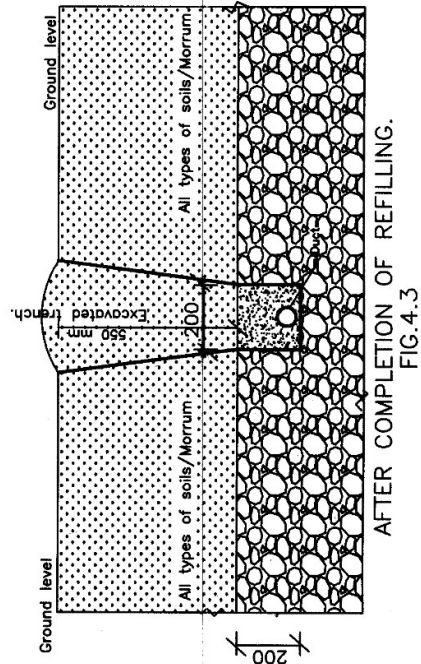
RAILTEL CORPORATION OF INDIA Ltd..	
RGM/SR/SC.	DRG No.RAILTEL/SR/OFC/2008/3.
SKETCH SHOWING THE PROCEDURE FOR EXCAVATION OF CABLE TRENCH IF ROCK EXISTS FROM SURFACE OF GROUND.	
NOT TO SCALE	
CONSULTANT.	(G VEERASWAMY) <i>GV</i>
MANAGER/PROJ	(M MURALI KRISHNA) <i>M. Murali</i>
AGM/SC.	(P. V. MURALI KRISHNA) <i>P. V. Murali Krishna</i> 15/2/18



Depth of rock from surface	Cutting of ROCK.		Plain cement concrete	
	width	depth	Top level	Bottom level
300	200	200	300	500
350	200	200	350	550
450	200	200	450	650
550	200	200	550	750

NOTE:

1. All dimensions are in millimetres.



RAILTEL CORPORATION OF INDIA Ltd.	
RGM/SR/SC.	DRG No.RAILTEL/SR/OFC/2008/4.
SKETCH SHOWING THE PROCEDURE FOR EXCAVATION OF CABLE TRENCH IF ROCK EXISTS morethan 300 to 550 mm FROM G.L.	
NOT TO SCALE	
CONSULTANT.	(G VEERASWAMY)
MANAGER/PROJ	(M MURALI KRISHNA)
AGM/SC.	(P. V. MURALI KRISHNA)

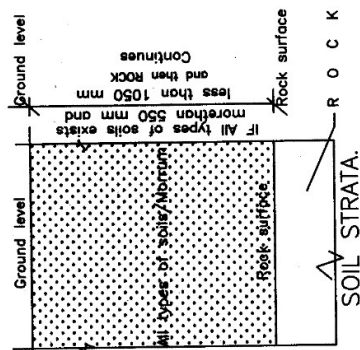


FIG. 5.1

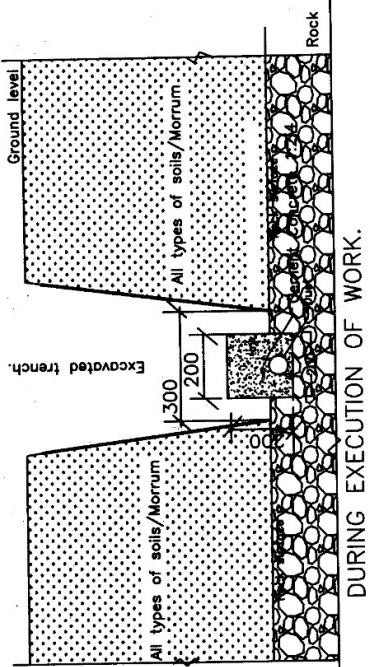


FIG. 5.2

Note: All dimensions are in millimetres.

Depth of Rock from surface	Cutting of ROCK		Plain cement concrete	
	width	depth	Top level	Bottom level
800	200	150	550	750
850	200	100	550	750
750	200	100	550	750
850	200	100	550	850
950	200	100	750	950
1050	200	100	850	1050

NOTE:
1.All dimensions are in millimetres.

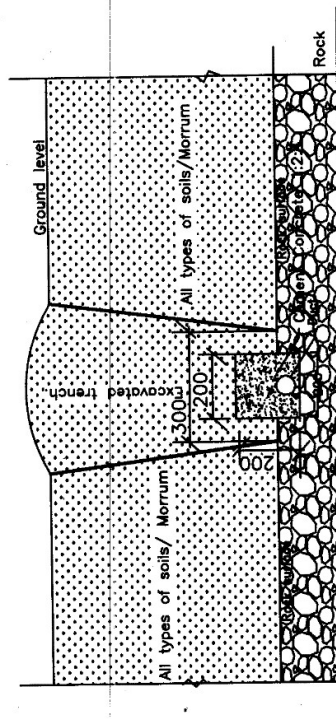


FIG. 5.3

RAILTEL CORPORATION OF INDIA Ltd..	
RGM/SR/SC.	DRG No.RAILTEL/SR/OFC/2008/5.
SKETCH SHOWING THE PROCEDURE FOR EXCAVATION OF CABLE TRENCH IF ROCK EXISTS morethan 550 and less than 1050	
NOT TO SCALE	
CONSULTANT.	(G VEERASWAMY)
MANAGER/PROJ	(M MURALI KRISHNA)
AGM/SC.	(P V MURALI KRISHNA)

