



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Government of India)

क्षेत्रीय कार्यालय, मदुरै / **Regional Office, Madurai**

दूसरा व तीसरी तल, विजय कृष्ण प्लाज़ा, संख्या-1, लेक एरिया, मेलूर मेन रोड, माट्टुतावनी, मदुरै-625 107

2nd & 3rd Floor, Vijay Krishna Plaza, No.1, Lake Area, Melur Main Road, Mattuthavani, Madurai-625 107

दूरभाष / Tele : +91-452-258 8999 वेब / Website : www.nhai.gov.in ई-मेल / E-mail : romadurai@nhai.org



NHAI/15018/3.5/09/2023/RO Madurai/ E:213938/1758

25th September, 2023

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, नागरकोइल - Operation and Maintenance of Madurai - Kanyakumari section of NH-44 (Old NH-7) from Km.116+500 to Km.243+470 - Request seeking NHAI approval - Submission of Proposal for laying of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH-44 at Km.135+840 to Km.135+960 (RHS) of NH-44- **Invitation of Public Comments - Reg.**

प्रसंग: PD, Nagercoil Lr.No-NHAI/PD/PIU/NGL/NH-44/HT/NOC/2023/1416 dated 18.07.2023.

The proposal received from PD, Nagercoil vide Lr. No- NHAI/PD/PIU/NGL/NH-44/HT/NOC/2023/1416 dated 18.07.2023 there by requesting Permission for laying of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH-44 at Km.135+840 to Km.135+960 on Madurai - Kanyakumari section of NH-44 (Old NH-7) as per proposal submitted by M/s.Aiswaryam Steels Pvt Ltd.

Accordingly, as per Policy Guidelines issued by Ministry vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application is being uploaded on public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, comments of the public on the above proposal is invited to the below mentioned address:

Regional Officer,
National Highways Authority of India,
No.2nd & 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road, Mattuthavani,
Madurai - 625 007.

भवदीय

महेन्द्र मीना
25/09/23

महेन्द्र मीना | Mahendra Meena
उप प्रबंधक (तक) | Dy.Mgr (Tech)

संलग्न: As above

प्रतिलिपि:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. The PD, Nagercoil - for information.

List of Correspondences							
Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
E 733887/2023/PIU - NAGERCOIL	NHAI - PIU, Nagercoil – Operation and Maintenance of Madurai – Kanyakumari section of NH-44 (Old NH-7) from Km.116+500 to Km.243+470 – Request seeking NHAI approval – Submission of Proposal for laying of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH-44 at Km.135+840 to Km.135+960 of NH-44 - Reg.	Receipt		19/07/2023 01:23 PM		1-9	



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय, परियोजना कार्यान्वयन इकाई
Office of the Deputy General Manager (Tech) cum Project Director, Project Implementation Unit
नंबर.395/3-1, M.S.सड़क, मजेस्टिक कॉलनी, अय्यप्पन मंदिर के पास, पार्वतिपुरम, नागरकोविल - 629 003, तमिलनाडु
No.395/3-1, M.S. Road, Majestic Colony, Near Ayyappan Koil, Parvathipuram, Nagercoil - 629 003, Tamilnadu
दूरभाष / Tele: +91 4652 279155 वेब / Web: www.nhai.org ई-मेल / E-mail: kanya@nhai.org, nhainagercoil@gmail.com



NHAI/PD/PIU/NGL/NH-44/HT/NOC/2023/1416

Date: 18.07.2023

To,
The Regional Officer,
Madurai Region,
National Highways Authority of India,
Madurai.

Sir,

Sub: NHAI - PIU, Nagercoil - Operation and Maintenance of Madurai - Kanyakumari section of NH-44 (Old NH-7) from Km.116+500 to Km.243+470 - Request seeking NHAI approval - Submission of Proposal for laying of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH-44 at Km.135+840 to Km.135+960 of NH-44 - Reg.

Ref: 1. M/s Aiswaryam Steels Private Limited Lr. No. //NHAI/ASPL/001 dt. 19.06.2023
2. Independent Engineer Lr. No. Bloom/SC/Madurai-Kanyakumari/NH-44/NGL/2023/068 dt 01.07.2023

** * * *

It is kindly submitted that, the applicant M/s Aiswaryam Steels Pvt Ltd vide ref. cited submitted the Proposal for laying of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH-44 at Km.135+840 to Km.135+960 (RHS) of NH-44.

2. The said site has been inspected by the Independent Engineer and the proposal has been examined in lieu of Ministry's Circular No. Ministry Circular No. RW/NH 33044/29/2015/S&R(R) dated 22.11.2016, IRC: 32-1969 and other relevant MoRTH circulars and the following details are submitted for kind perusal.

I. The details of underground cable Electric line along the stretch of the project alignment are as follows:

S. No	Chainage	Side	Type	Length (Km)
1.	From Km.135+840 to Km. 135+960	RHS	110 KV EHV 4Rx630 Sq.mm	120

- II. The underground cable is proposed to be laid along the road at the depth of 3m below the road level.
- III. The underground cable along the road should be laid at the extreme edge of ROW i.e., 1m from the ROW within the utility corridor.

- IV. Previously the applicant has submitted Overhead Transmission which is not feasible at the site due to restriction of land in that location, alternative route i.e., Underground Electrical line is found to be feasible at this location and necessary clearance from TANTRANSCO i.e., concurrence from Superintendent Engineer is received in respect of safety features for the proposed Underground Electric line.
- V. M/s. Aiswaryam Steels Pvt Ltd., has submitted an agreement in the prescribed format to be executed in case the approval is accorded.
- VI. M/s. Aiswaryam Steels Pvt Ltd., has submitted the necessary undertakings in the prescribed format as mentioned in the Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.
- VII. The license fee has been calculated in line with the MoRTH policy guidelines dt. 22.11.2016 and NH-36094/01/2022 - S&R(P&B) dated 17.04.2023, the license fee for 5 Year is Rs.33,000/- (Thirty three thousand rupees only), the details of calculation is mentioned in "Annexure - I" herewith for kind perusal.
- VIII. The amount of Performance Bank Guarantee has been calculated in line with the MoRTH policy guidelines dt. 22.11.2016 as detailed below:

Sl. No.	Chainage	Bank Guarantee Amount		
		Rate per m	Length	Amount
1	From Km.135+840 to Km. 135+960	100	120	12,000
	Total			12,000
	Centage charges @ 23.5%			2,820
	Grand total			Rs.14,820

3. In view of above, considering no alternate feasible option available, the proposal for laying underground cable of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH-44 at Km.135+840 to Km.135+960 (RHS) of NH-44 is recommended for approval of Competent Authority.

Thanking you,

Encl: As above

Yours faithfully,



T. Velraj
15/7/23

(T. Velraj BRES)
Project Director
NHAI, PIU, Nagercoil

Annexure -I					
Sl. No.	Chainage	Bank Guarantee Amount			Remarks
		Rate per m	Length	Amount	
1	From Km.135+840 to Km. 135+960	100	120	12000	
	Total			12000	
	Centage charges @ 23.5%			2820	
	Grand total			14820	

Aiswaryam Steels Private Limited

Manufacturers of : **MS Billets, TMT Bars, MS Square, MS Round, MS Angle, MS Channel, MS Bars, MS Flats**

**Factory : SF No. 4/2B-5; Rajapudhukudi Post, Sannathu Pudhukudi Village,
Near TNEB Sub Station, Kayathar Taluk, Tuticorin District - 627 352. Mob : 97875 75910, 97902 98635**

Ref: //NHAI/002.

To
The DGM (Tech) cum THE PROJECT DIRECTOR,
NHAI, No. 395/3.1, M.S. Road, Majestic Colony,
Near Ayyappan Temple, Parvathipuram,
Nagercoil – 629 003, Tamilnadu.

Dear Sir,

Sub: Request seeking NHA Approval - Submission of Proposal for Laying of 4Rx630 sq.mm 110KV EHV Underground Cable Electrical Line along the NH 44 Road along the coordinates 135/840 to 135/960 – Reg.

We are pleased to inform you that we are in the process of enhancement of our existing Steel plant at Sannathupudhukudi Village, Kayathar, Tutucorin District, Tamil Nadu. We intend to avail the 110 kV Power from the nearby Sannathupudhukudi 110/33-11KV TANGEDCO Sub-Station by laying 4Rx630 sq,mm 110 KV UG Cable.

The 110 KV UG cable will be taken along the Madurai to Kanyakumari National Highway bearing No. NH 44, which falls in between the coordinates 135/840 to 135/960.

We are submitting our proposal for the NHAI approval for the above mentioned 110KV Underground Cable along with all the necessary documents and drawings as per your standards. The necessary charges will be paid on receipt of the advice.

Now we kindly request you to provide us an approval for the same at the earliest possible.

Thanking you.
Yours faithfully

For Aiswaryam Steels Private Ltd.,
For Aiswaryam Steels Private Limited

Authorized Signatory

RHS – MADURAI TO KANYAKUMARI

NHAI-PID Nagercoil	
Inward No: 1490	Date:
Date: 19.6.23	
PD	
Dy. M	
SE-1	
SE-2	
SE-3	
LO-1	
LO-2	
IT Expt.	
Acct	
Steno	

Dated: 19/06/23

Date: 19.6.23

PD

Dy. M

SE-1

SE-2

SE-3

LO-1

LO-2

IT Expt.

Acct

Step 2

TANTRANSCO

From

Er. J. Premalatha, B.E., (Hons.,) MCA.,
Superintending Engineer,
General Construction Circle,
K. Pudur, Madurai – 7.

To

The Project Director,
National Highways Authority of India,
No.395/3-1, M.S. Road, Majestic Colony,
Near Ayyappan Koil, Parvathipuram,
Nagercoil – 629 003.

Lr. No. SE / GCC / MDU / EE (NI) / Tech / DB / F. ASPL / D. No. 673 / 23, Dt 01.06.2023
Sir,4

Sub:- GCC/Madurai – EHT demand of 12 MVA at 110 KV level for M/s. Aiswaryam Steels Private Ltd., at Sannathpudukudi 110/33-11 KV SS – Providing of UG cable instead of erection of EHV tower line along the NH 44 route – Submission of – Regarding.

Ref:- 1. HT application dated 09.09.2021

2. Lr.No.SE / TEDC / TIN / AEE / Devt / AE / DVT/F. HT.N.D/D.No.1470/ 21,
Dt 13.09.2021.

3. SE / GCC / MDU / AEE / Moni / F. Suitability / D.No.212 / 22,
Dt 17.03.2022.

4. SE / TEDC / TTN / AEE / DVT / AE / F. EHT supply / D.No.571 / 22,
Dt 11.04.2022.

5. SE / TEDC / TTN / AEE / DVT / AE / F. EHT supply / D.No.1153 / 22,
Dt 17.08.2022.

6. M/s. Aiswaryam Steel's letter dated 04.01.2023.

7. M/s. Aiswaryam Steel's letter dated 16.02.2023.

8. Lr.No.243 / 2023 / EE / TLC / TIN / F. ASPL / 2022-23, Dt 30.03.2023.

9. Lr. No. SE / GCC / MDU / EE (NI) / Tech / DB / F. ASPL / D. No.403/ 23,
Dt 05.04.2023.

10. M/s. Aiswaryam Steel's letter dated 29.05.2023.

M/s. Aiswaryam Steels Private Ltd., S.F.No.4/B-5, Sannathpudukudi Village, Kayathar, Tuticorin District, has applied for new EHT demand of 18.50 MVA at 110 KV

NHAI-PIU-Nagercoil	
Inward No	1284
Date	02.06.2023
PD	
Dy.M	
SE-1	
SE-2	
SE-3	
LO-1	
LO-2	
IT Expt.	
Acct	
Steno	
Other	

level vide reference (1) cited and subsequently reduced to a demand of 12 MVA at 110 KV level vide reference (2) cited.

In order to provide 110 KV Supply from the existing nearby Sub-Station, the Sannathpudukudi 110 KV SS, an Over Head transmission line has to be constructed parallel to NH 44 and within the industrial boundary for distance of 250 m within the shoulder portion of the Service Road, as shown in the sketch enclosed herewith. This has been proposed, as there is no other option for erecting the 110 KV line. The Narrow Base Towers are proposed with a view to accommodate minimum space available.

Vide reference (9) cited, an approval had been requested for erecting the 110 KV narrow based towers along the shoulder portion of the service road within the industrial boundary for a distance of 250 m for providing EHT service to M/s. Aiswaryam Steels for a demand of 12 MVA at 110 KV level. M/s. NHAI has requested to accept this proposal. But they have informed there is no possibility of providing tower line in the space available by side of NH 44.

M/s. NHAI has accepted to lay the UG cable by the side of National High Way instead of Over Head EHT line to a maximum width of 2.00 meter in order to provide connectivity to Sannathupudukudi 110 KV SS.

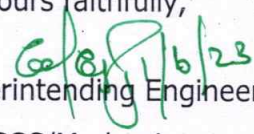
Further, M/s. Aiswaryam Steels Pvt., Ltd., have accepted to bear the cost of supply and laying of UG cable for extending 110 KV power supply to our industry instead of 110 KV Tower line as proposal earlier.

M/s. Aiswaryam Steels Pvt., Ltd., also accepted to execute the UG cable laying works through the authorized Electrical contractor as per the TANGEDCO regulations and after paying the necessary supervision charges to TANGEDCO. M/s. Aiswaryam Steels Pvt., Ltd., here with enclosed cable route map perusal and consideration.

Hence, M/s. Aiswaryam Steels Pvt., Ltd., Tuticorin propose to lay UG cable at 110 KV level for the M/s. Aiswaryam Steels Pvt., Ltd., Tuticorin for providing connectivity to Sannathupudukudi 110 KV SS.

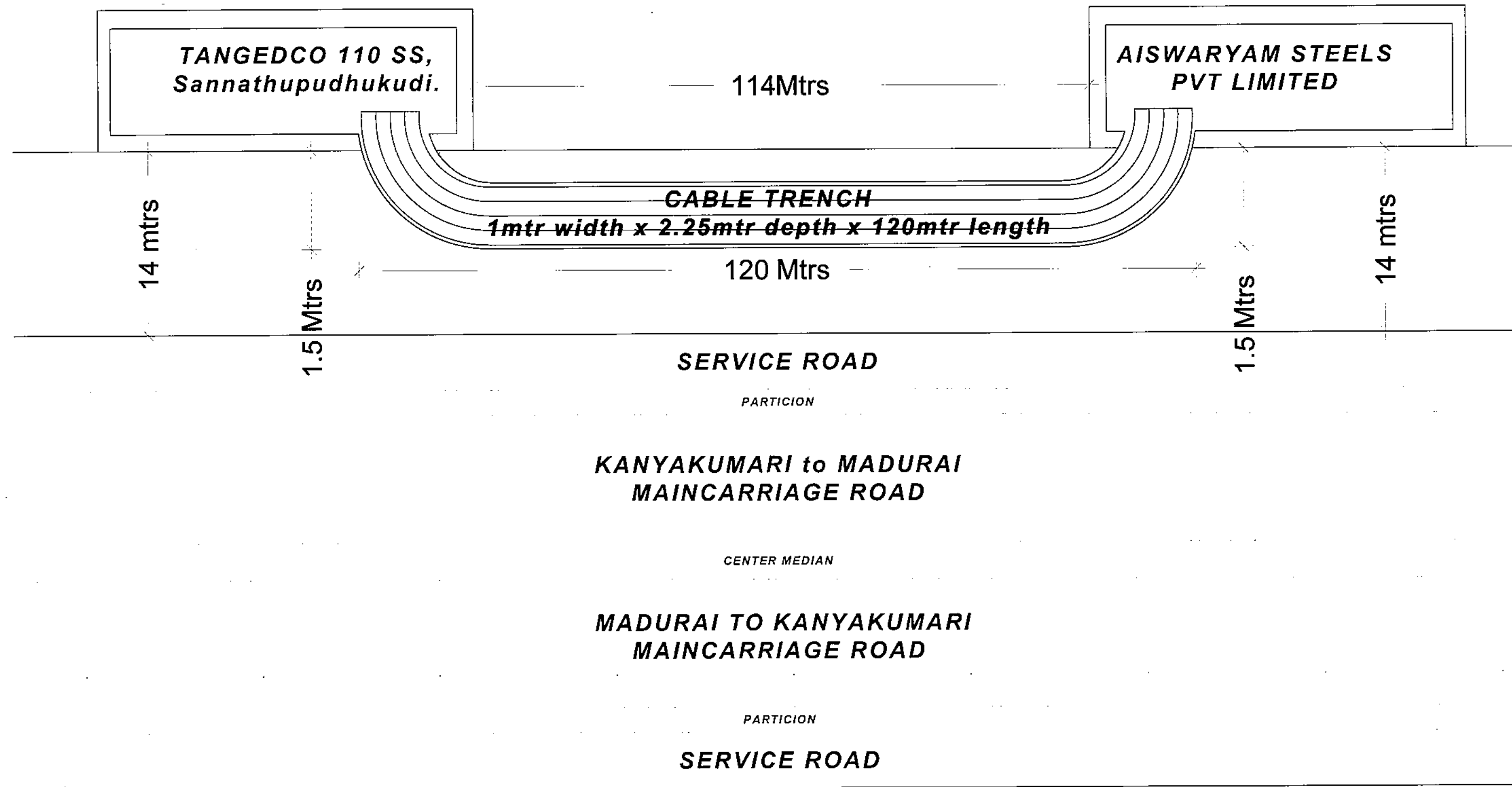
It is kindly requested to make arrangement for obtaining the approval to lay the
UG cable along the route of NH 44.

Encl: Drawing

Yours faithfully,

Superintending Engineer,
GCC/Madurai.




Copy to the Executive Engineer / TLC / Tirunelveli (By mail)

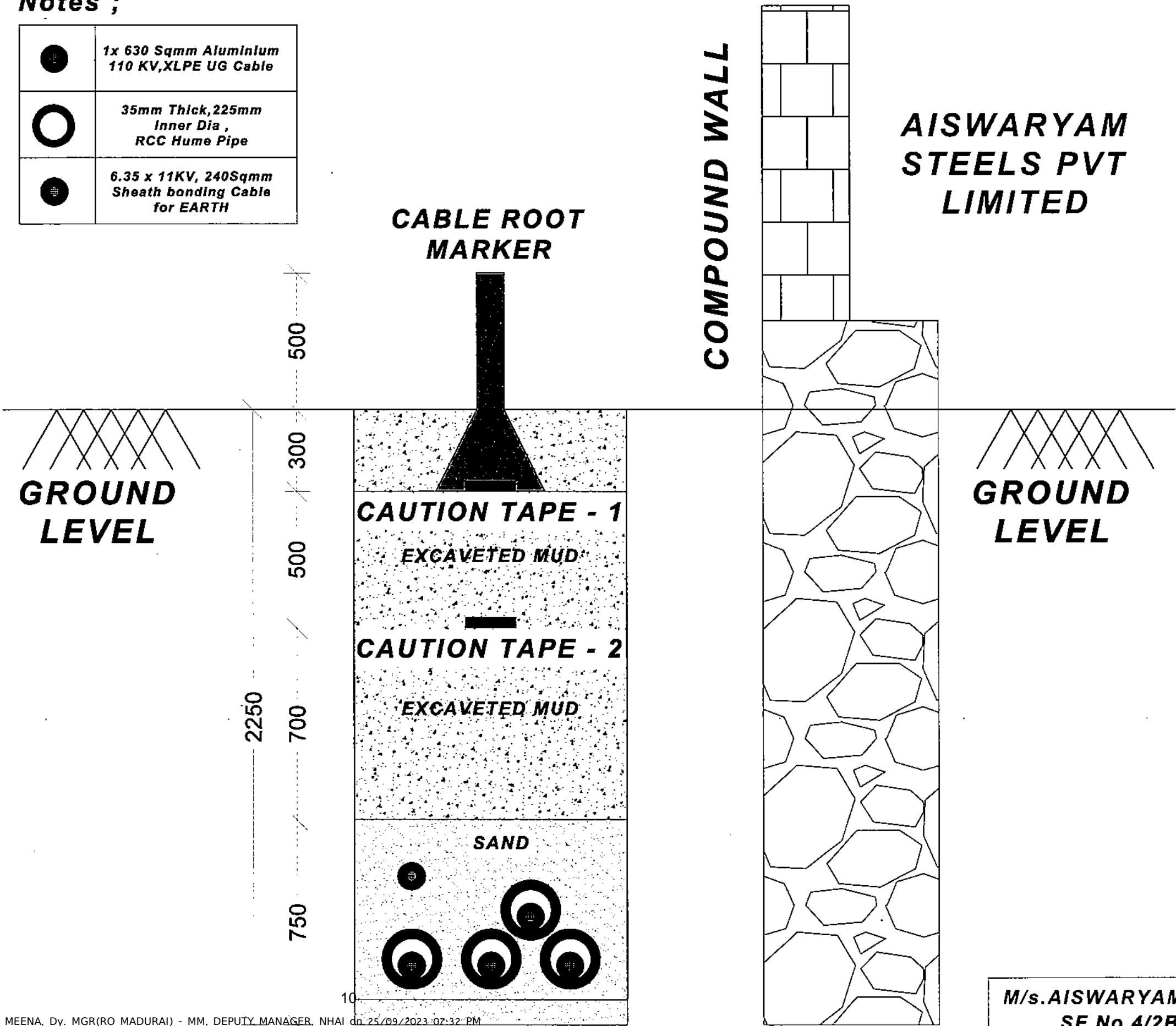
file name:e:\nithya\tech\M/s. Aiswaryam Steels.docx



M/s.AISWARYAM STEELS PRIVATE LIMITED
SF.No.4/2B-5 Rajapudhukudi Post,
Sannathu Puthukudi village,

Notes ;

	1x 630 Sqmm Aluminium 110 KV, XLPE UG Cable
	35mm Thick, 225mm Inner Dia , RCC Hume Pipe
	6.35 x 11KV, 240Sqmm Sheath bonding Cable for EARTH



M/s. AISWARYAM STEELS PRIVATE LIMITED
SF.No.4/2B-5 Rajapudhukudi Post,
Sannathu Puthukudi village,