

GPS Co - ORDINATES

Name of Work: Conducting detailed survey work for construction of 66kv LILO line using Drake conductor from Existing 66kv Gudekote - CJ Halli SC line on SC towers to Proposed 66 kV Narasimhgiri Sub-Station for a distance of 0.679 kms in Kudligi (Tq) Vijayanagar (Dist).

Client : Karnataka Power Transmission Corporation Limited

Surveyors : M/s Niketan Consultants LLP, Bengaluru.

Job No.:KA3446

Sl. No.	AP No.	GPS COORDINATES (DATUM : WGS84)			
		UTM (Zone 43P)		DD° MM' SS"	
		Easting	Northning	Northning	Easting
1	Existing AP T.No.29	664328	1635701	14° 47' 25.4"	76° 31' 36.8"
2	Existing AP T.No.28	664356	1635913	14° 47' 32.3"	76° 31' 37.8"
3	LILO Tower	664351	1635868	14° 47' 30.8"	76° 31' 37.6"
4	AP-1	664316	1635873	14° 47' 31"	76° 31' 36.4"
5	AP-2	664019	1635743	14° 47' 26.8"	76° 31' 26.5"
6	AP-3	663809	1635733	14° 47' 26.5"	76° 31' 19.5"
7	AP-4	663741	1635715	14° 47' 26"	76° 31' 17.2"
9	Bay-Narasimhagiri	663730	1635754	14° 47' 27.2"	76° 31' 16.8"

For Niketan Consultants LLP



TOWER SCHEDULE

Name of Work: Conducting detailed survey work for construction of 66kv LILO line using Drake conductor from Existing 66kv Gudekote - C.J Halli SC line on SC towers to Proposed 66 kV Narasimhgiri Sub-Station for a distance of 0.679 kms in Kudligi (Tq) Vijayanagar (Dist).

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Sl. No.	AP No.	Type of Towers	Angle of deviation	Span in mts	Cumulative chainage in Mts.	Weight span Hot Curve			Crossing Details/Remarks	Village Limits
						L	R	T		
1	LILO Tower	DD+0 110KV DC Tower	-	35	0	-	6	6	Survey Commenced from Existing 66KV LILO from Gudekote Tap Line- C.J.Halli line in between Existing AP T.No.28 DD+3 & Existing 220kV MC AP T.No.29 MD+0	Belligatta
2	AP-1	DD+0 110KV DC Tower	31°46'12"L	145	35	29	-2	27		"
3		DA+6 110KV DC Tower	-	179	180	147	81	228		"
4	AP-2	DC+3 110KV DC Tower	20°54'47"R		359	98	87	185		"
5	AP-3	DD+0 110KV DC Tower	11°43'33"L		569	123	2	125	Tar Road from C.J. Halli to Ramdurga	"
				70					33kV Line, SH-131 to C.J Halli to Ramdurga A/C=88°, 11kV Line	

Sl. No.	AP No.	Type of Towers	Angle of deviation	Span in mts	Cumulative chainage in Mts.	Weight span Hot Curve			Crossing Details/Remarks	Village Limits
						L	R	T		
6	AP-4	DD+0 9 Cross Arm 110KV DC Tower	89°8'23"R		639	68	-	68		"
-	Bay	-	-	40	679	-	-	-	Joining to Proposed 66/11KV Narasimhagiri S/S	"
Existing 660kV SC Gudekote Tap Line - C.J.Halli line										
28*		Proposed **DD+3	0°0'0"		0	-	103	103	Proposed 110KV DC AP T.No.28 to be retained, Towards Gudekote Tap Line	Belligatta
*1	LILLO Tower	DD+0		45	45	-58	63	5	LILLO Line to Narasimhagiri S/S	"
29*		Proposed **MD+0	0°0'0"		220	112	-	112	Proposed 220KV MC AP T.No.29 to be retained, Towards C.J. Halli	"

NOTE:- At loc no:- 28 DD+3 and at loc no:- 29 MD+0 Towers are approved in Detailed Survey Report vide Ltr no:- 5556/TOWERS/SC/MNR/EE(02)/MS-1/ MW-69/2022-23/2832-23 Dtd:- 10.08.2023 pertains to work of Construction/Concession of existing 110KV SC Gudekote Tap line on SC Towers into 66KV DC Badda LILLO line for a distance of 15.087 km/s.



For Niketan Consultants LLP

ABSTRACT OF TOWERS

Name of Work: Conducting detailed survey work for construction of 66kv LILO line using Drake conductor from Existing 66kv Gudekote - CJ Halli SC line on SC towers to Propose 66 kV Narasimhgiri Sub-Station for a distance of 0.679 kms in Kudligi (Tq) Vijayanagar (D

Client : Karnataka Power Transmission Corporation Limited

Surveyors : M/s Niketan Consultants LLP, Bengaluru.

Job No.:KA34

Sl.No.	TYPE OF TOWERS	NORMAL	+3	+6	+15	TOTAL
Proposed 110kV DC Towers (M/s AQUUS Design)						
1	DA	1	-	1	-	1
2	DC	1	1	-	-	1
3	DD	3	-	-	-	3
4	DD 9 Cross Arm	1	-	-	-	1
Total Proposed Towers=						6 No's

NOTE : 1) Minor deviation if any due to way leave problem that may arise during the execution of the work will be incorporated accordingly.

2) Existing 66KV SC Line conductor to be released and Restraining= $0.220 \times 3 = 0.660$ Kms

3) Existing 66KV SC Line Earth Wire to be released and Restraining= 0.220 Kms

For Niketan Consultants LLP
Bengaluru



Assistant Engineer Ele.,
Projects Sub Division,
KPTCL, Hosapete.

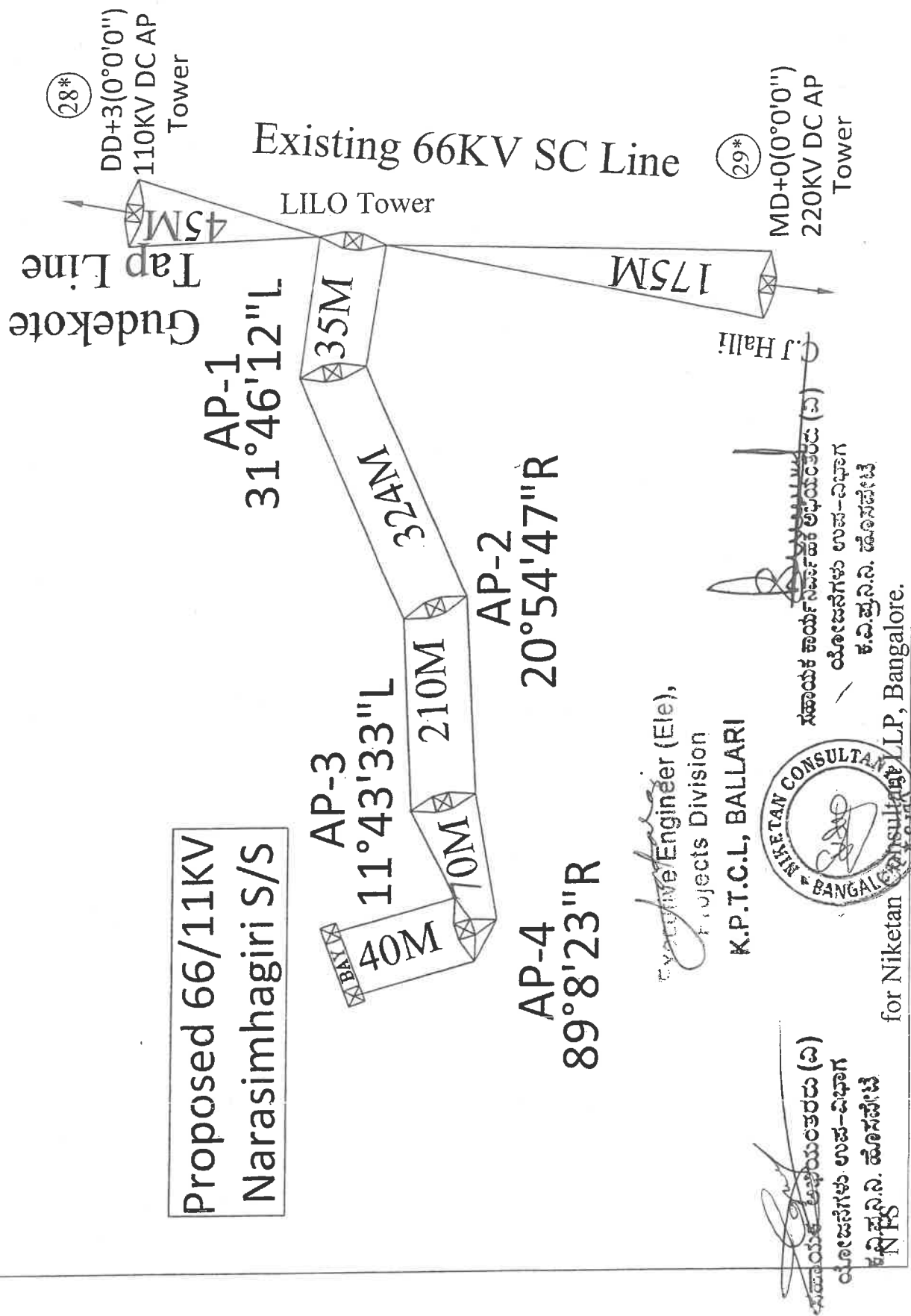
Assistant Executive Engineer Ele.,
Projects Sub Division,
KPTCL, Hosapete.

Approved

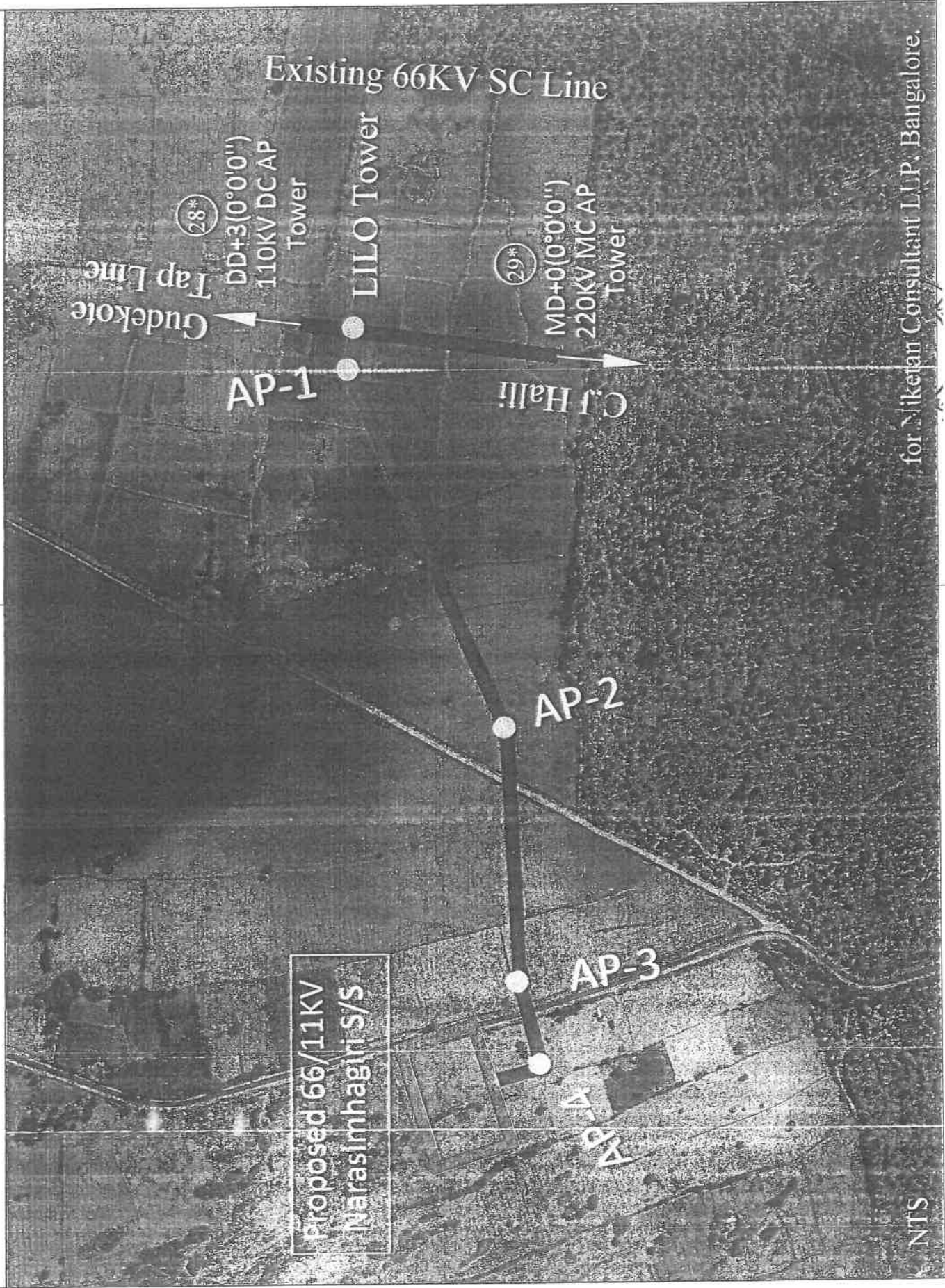
Executive Engineer Ele.,
Projects Division,
KPTCL, Ballari.

Superintending Engineer (Ele)
Transmission (Projects) Circle,
KPTCL, Munirabad.

Conducting detailed survey work for construction of 60kv LLO line using Drake conductor from Existing 66kv Gudekote - CJ Halli SC line on SC towers to Proposed 66 kV Narasimhgiri Sub-Station for a distance of 0.679 kms in Kudligi (Tq) Vijayanagar (Dist).



Conducting detailed survey work for construction of 66kv LI'N line using Drake conductor from Existing 66kv Gudekote - CJ Halli SC line on SC towers to Proposed 66 kV Narasimhagiri Sub-Station for a distance of 0.679 kms in Kudligi (Tq) Vijayanagar (Dist).



REVENUE SURVEY NUMBERS OF TRANSMISSION ROUTE ALIGNMENT

Name of Work: Conducting detailed survey work for construction of 66kv LILO line using Drake conductor from Existing 66kv Gudekote - CJ Halli SC line on SC towers to Proposed 66 kV Narasimhgiri Sub-Station for a distance of 0.679 kms in Kudligi (Tq) Vijayanagar (Dist).

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Surveyors : M/s Niketan Consultants LLP, Bengaluru.

Surveyors : M/s Niketan Consultants LLP, Bengaluru.						Job No.:KA3446			
SI No.	Tower Nos.	Survey No's	Village	Hobli	Taluk	District			
1	T.No.1 to T.No.2	303	Bellagatta	Gudekote	Kudligi	Vijayanagar			
2	T. No.2 to T.No.3	303, 302							
3	T. No.3 to T.No.4	302, 276							
4	T. No.4 to T.No.5	276, 275/4, 275/1							
5	T. No.5 to T.No.6	275/1, 274, 258/D, 280/A							
6	T. No.6 to Bay	280/A, 258/D							
7	**T.No.28 to T.No.1	307, 303							
8	T. No.1 to **T.No.29	303							



for Niketan Consultants LLP, Bengaluru.

(Signature)
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಹಕ ಅಭಿಯಂತರರು (ಎ)
ಯೋಜನೆಗಳು ಉಪ-ವಿಭಾಗ
ಕ.ವಿ.ಪ್ರ.ನಿ.ನಿ. ಹೊಸಪೇಟೆ

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(Signature)
Executive Engineer (Ele),
Projects Division
K.P.T.C.L, BALLARI

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