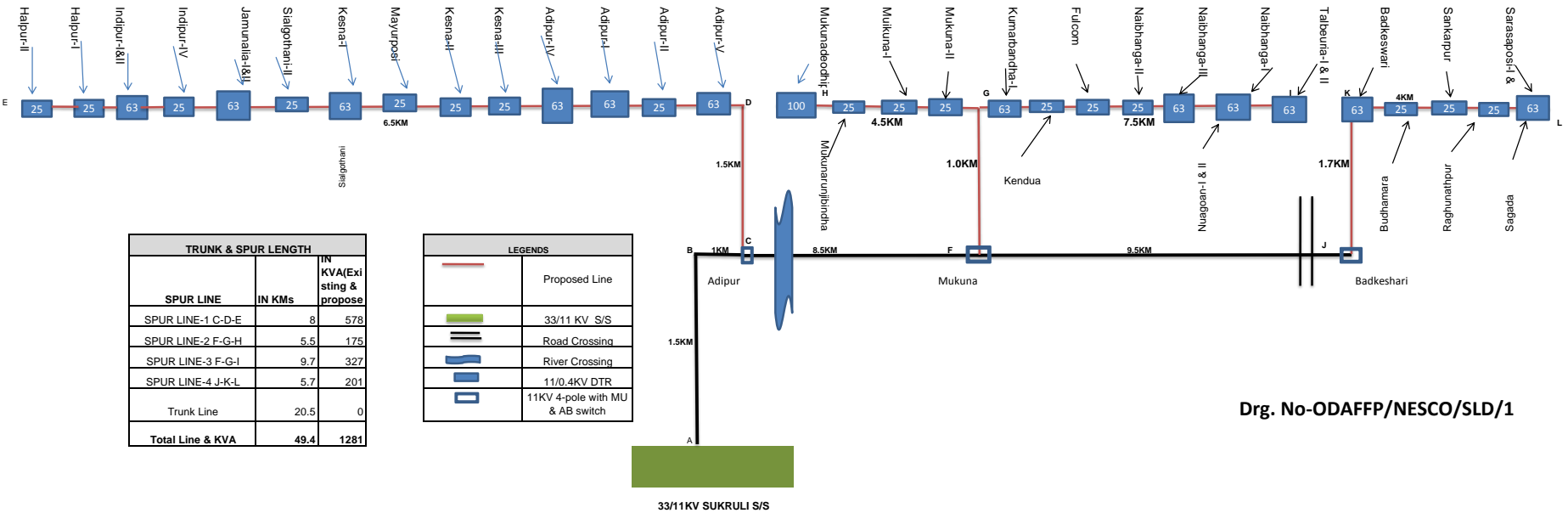


SINGLE LINE DIAGRAM OF PRPOSED DEDICATED 11KV FEEDER FOR AGRICULTURE

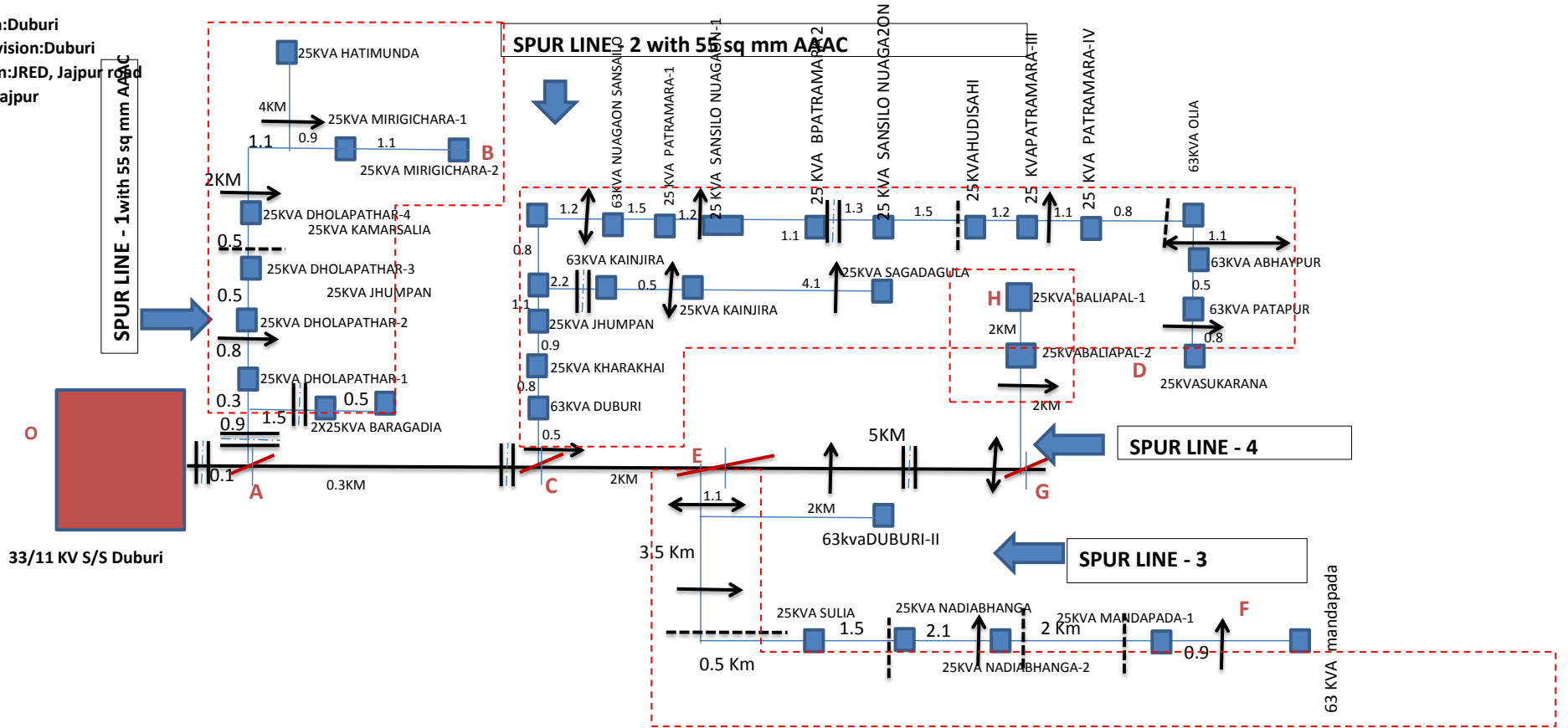


TRUNK & SPUR LENGTH		
SPUR LINE	IN KMs	IN KVA(Existing & propose)
SPUR LINE-1 C-D-E	8	578
SPUR LINE-2 F-G-H	5.5	175
SPUR LINE-3 F-G-I	9.7	327
SPUR LINE-4 J-K-L	5.7	201
Trunk Line	20.5	0
Total Line & KVA	49.4	1281

LEGENDS	
	Proposed Line
	33/11 KV S/S
	Road Crossing
	River Crossing
	11/0.4KV DTR
	11KV 4-pole with MU & AB switch

PROPOSED 11 KV DEDICATED AGRICULTURAL FEEDER DUBURI -II UNDER DUBURI ELECTRICAL SECTION

Section:Duburi
Sub Division:Duburi
Division:JRED, Jajpur road
Circle:Jajpur



LEGENDS

	Proposed Line
	33 / 11 KV Grid S/S Duburi
	Road Crossing
	11 KV Crossing
	33 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV Metering PT with AB Switch

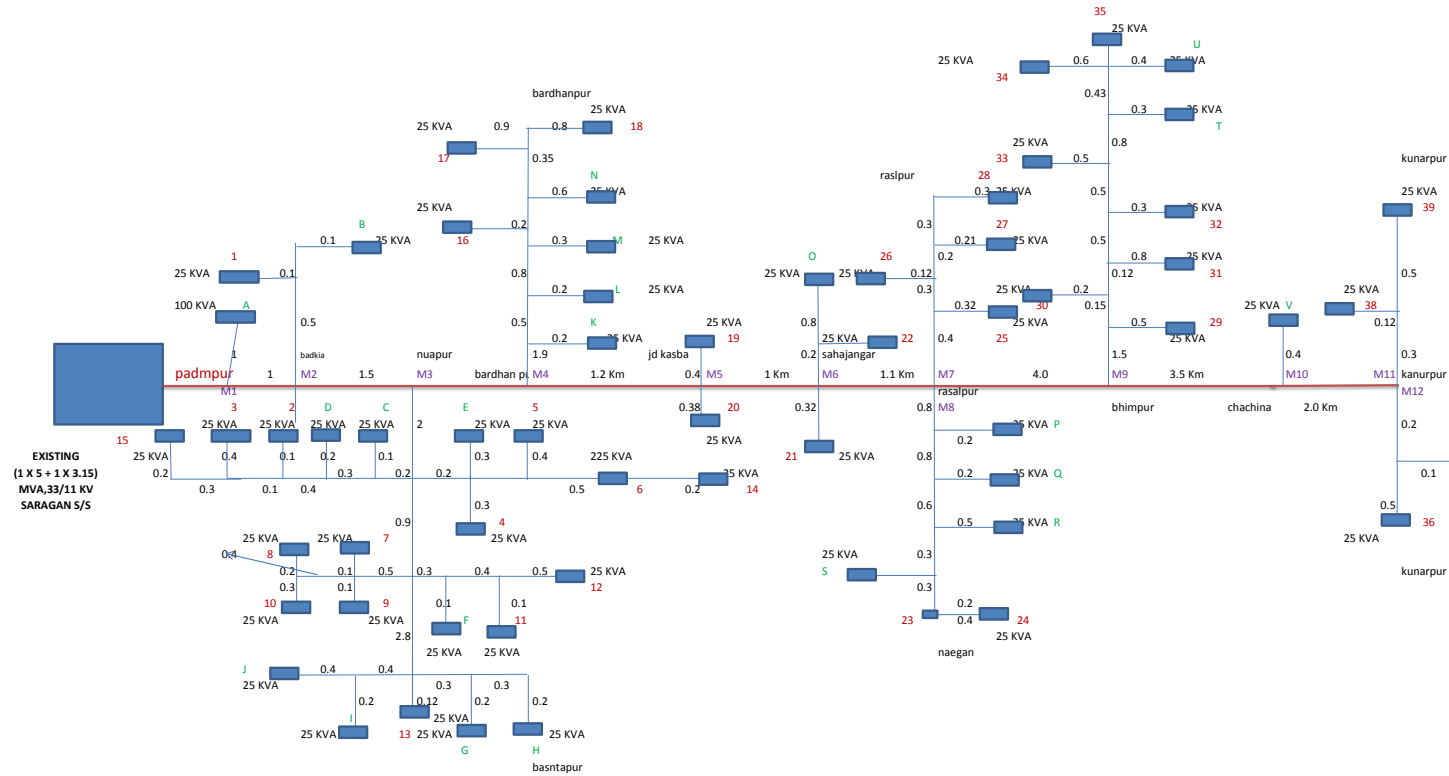
TOTAL TRUNK LINE WITH 100 Sq MM AAAC

TOTAL SPUR LENGTH WITH 55 Sq MM AAAC

SPUR LINE	Trunk Line in KM	Spur line in Km	Total in Km	Total Load in KW
SPUR LINE- 1 AB	0.1	14.1	14.2	150
SPUR LINE-2 CD	0.4	24.2	24.6	300
SPUR LINE - 3 EF	2.4	13.6	16	120
SPUR LINE - 4 GH	7.4	4	11.4	36
Trunk Line OACEG	10.3	55.9	66.2	606

Drg. No-ODAFFP/NESCO/SLD/2

SINGLE LINE DIAGRAM OF DEDICATED 11 KV KUARNPUR AGRICULTURE FEEDER FOR OLC PROJECT UNDER SARAGAN ELECTRICAL SECTION

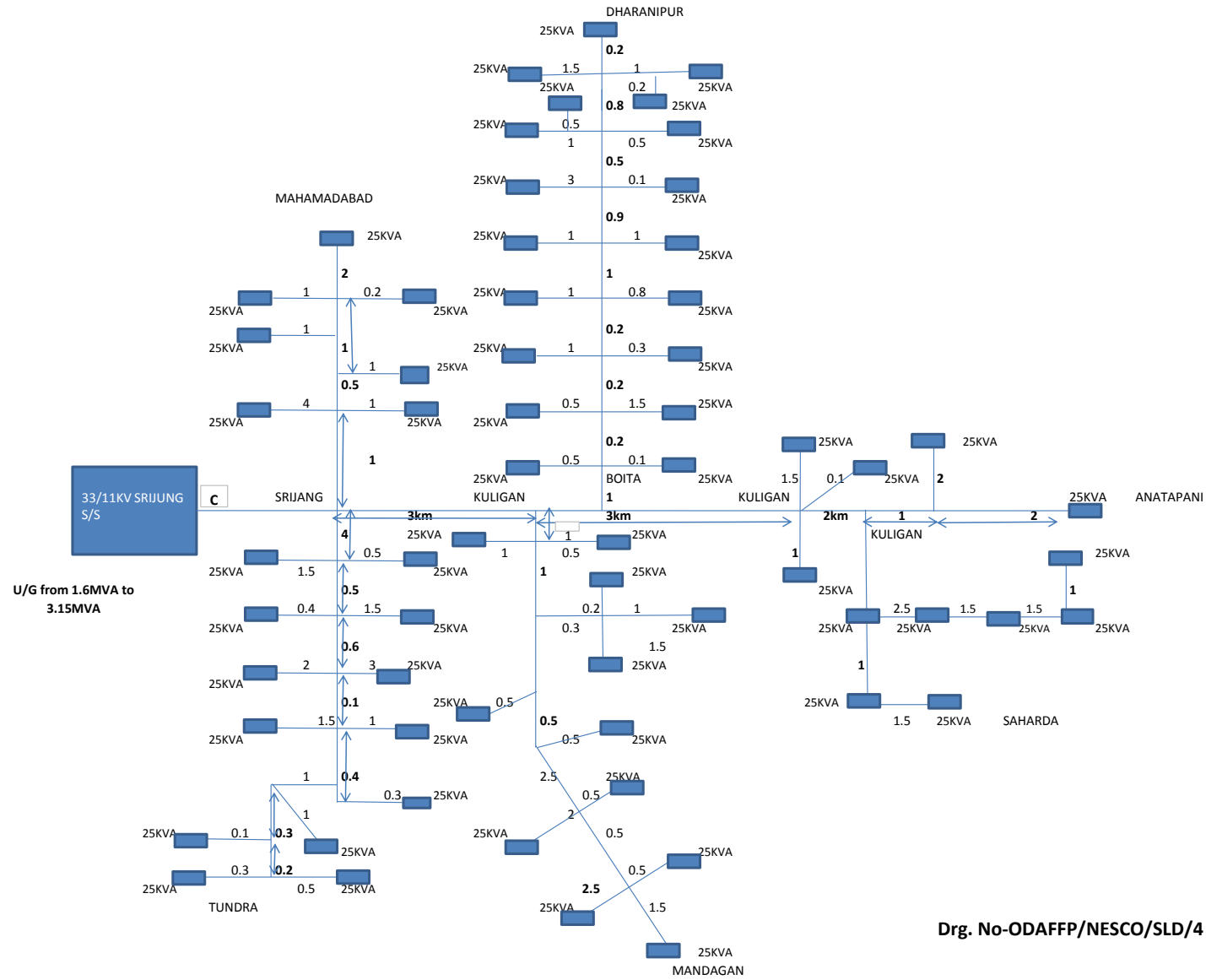


Scope of Work:-

- 1) Existing capacity of Saragan,33/11 KV S/S ----- (1 X 5 + 1 X 3.15) MVA,33/11 KV S/S
- 2) Existing 5 MVA Transformer is to be upgraded to 8 MVA,33/11 KV Transformer.
- 3) Proposed total load = 975 KVA (Code 1 to 39)
- 4) Existing Total load = 550 KVA (Code A to V)
- 5) Trunk line length ---- 23 Km.
- 6) Spur line length ---- 39.9 Km.
- 7) Cubicle - 1 No.
- 8) Metering Unit - 12 Nos.

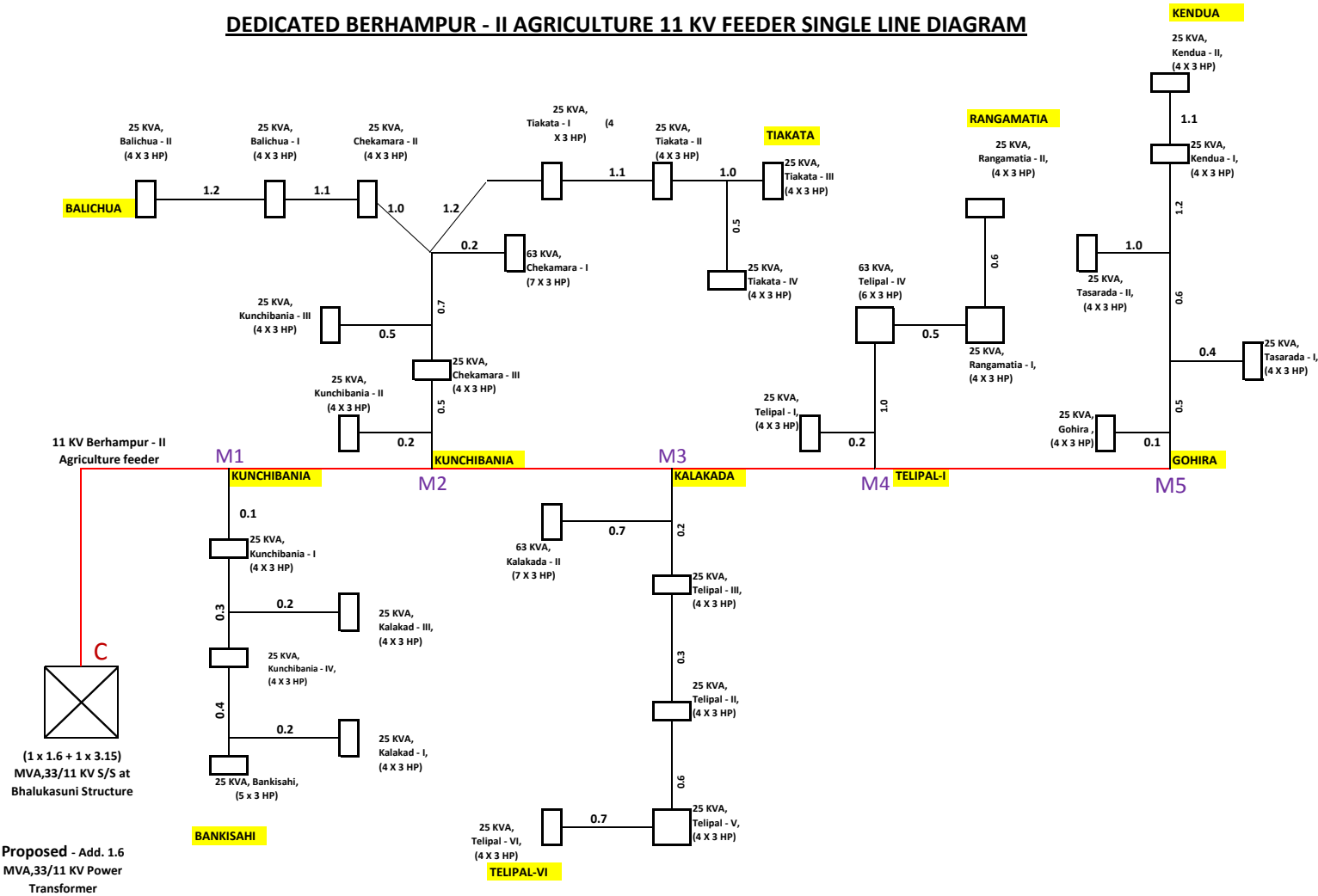
Drg. No-ODAAPP/NESCO/SLD/3

Single line diagram of proposed Inchdi-II Agriculture 11kv feeder



Drg. No-ODAFFP/NESCO/SLD/4

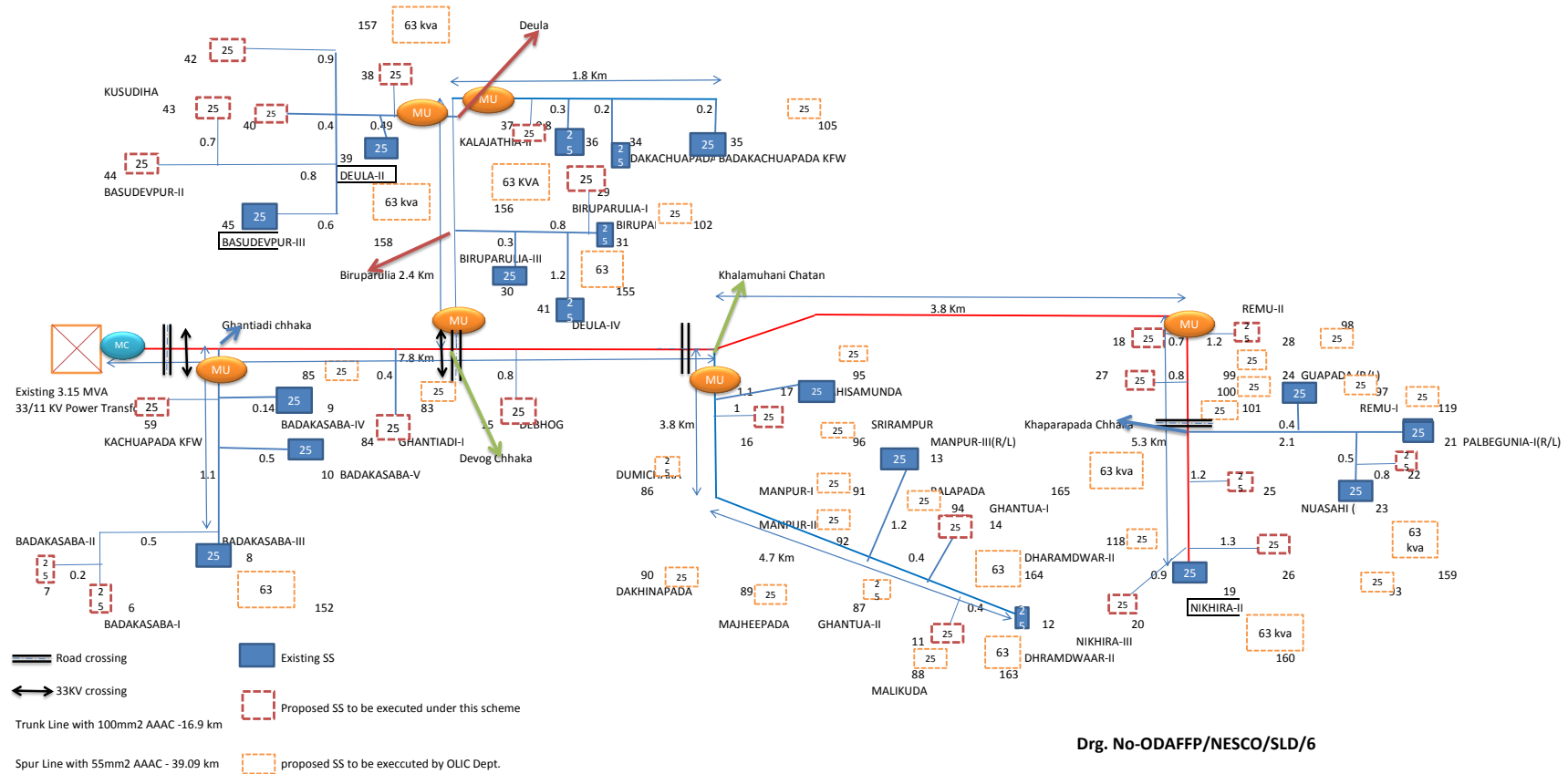
DEDICATED BERHAMPUR - II AGRICULTURE 11 KV FEEDER SINGLE LINE DIAGRAM



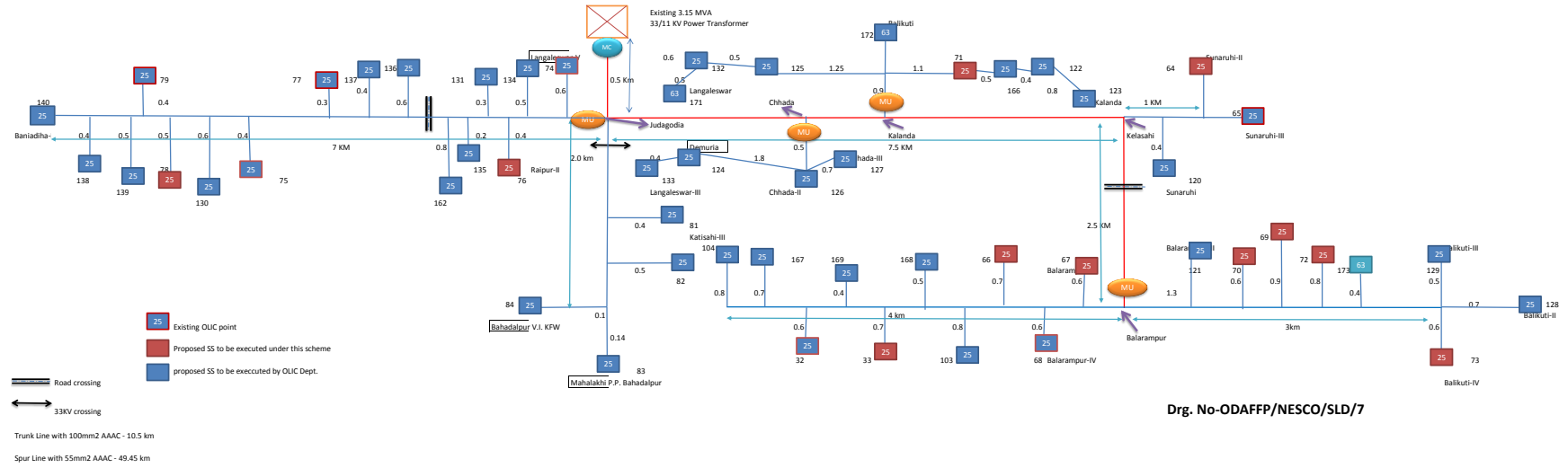
Proposed load - 6 x 25 KVA = 150 KVA
 Proposed load - 63 KVA - NIL
 Existing load - (27 x 25 KVA + 3 X 63 KVA)
 = 675 KVA + 189 KVA = 864 KVA
Total no. of cluster - 30 Nos.
Beneficiaries per Sub-Staion/Cluster -
 25 KVA - 4 Nos & 63 KVA - 7 Nos.

Drg. No-ODAFFP/NESCO/SLD/5

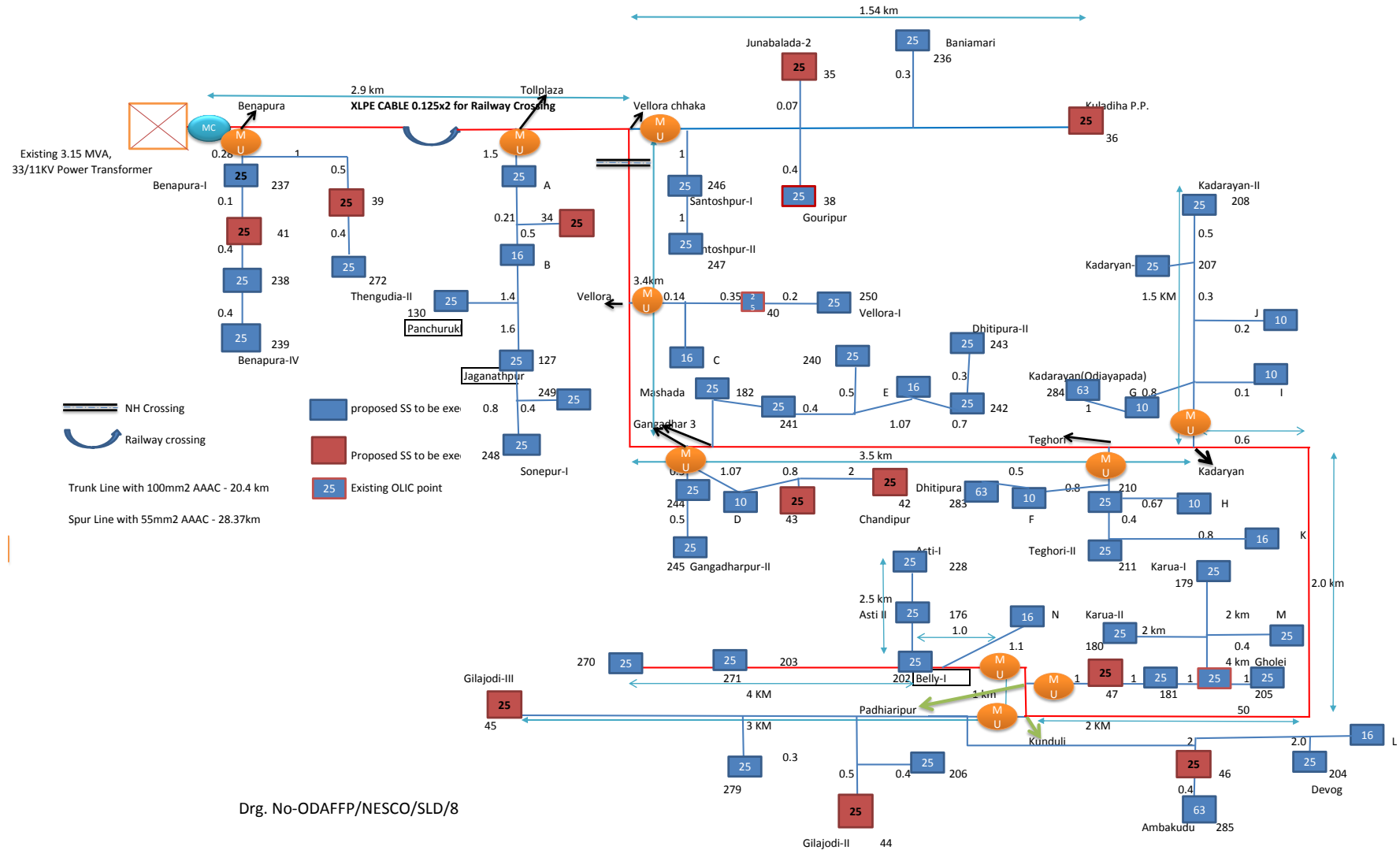
DEDICATED AGRICULTURE FEEDER UNDER ELECTRICAL SECTION,BALIAPAL
11 Kv Khaparapada Feeder



DEDICATED AGRICULTURE FEEDER UNDER LANGALESWAR ELECTRICAL SECTION

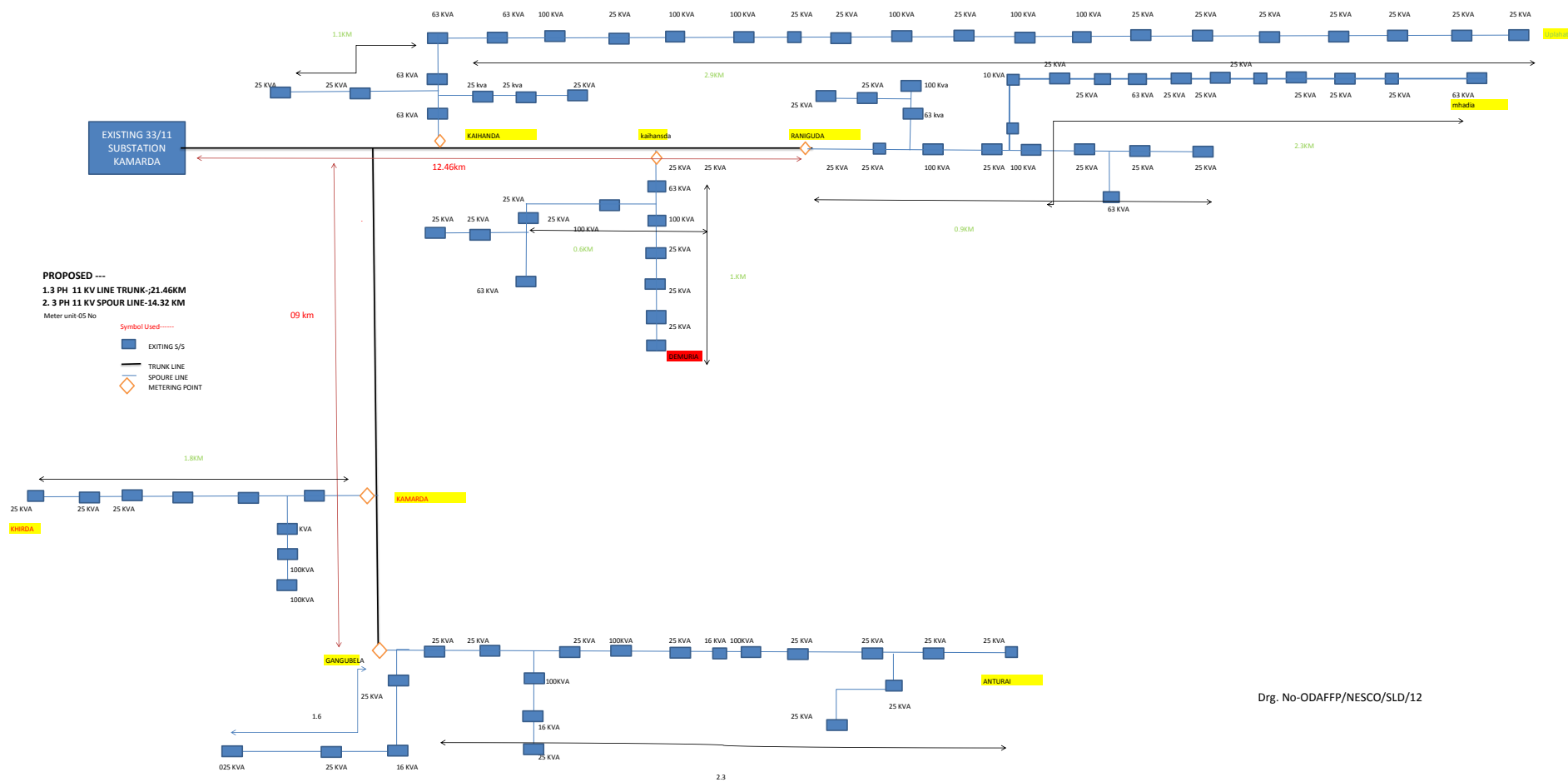


DEDICATED AGRICULTURE FEEDER UNDER ELECTRICAL SECTION, RAJGHAT

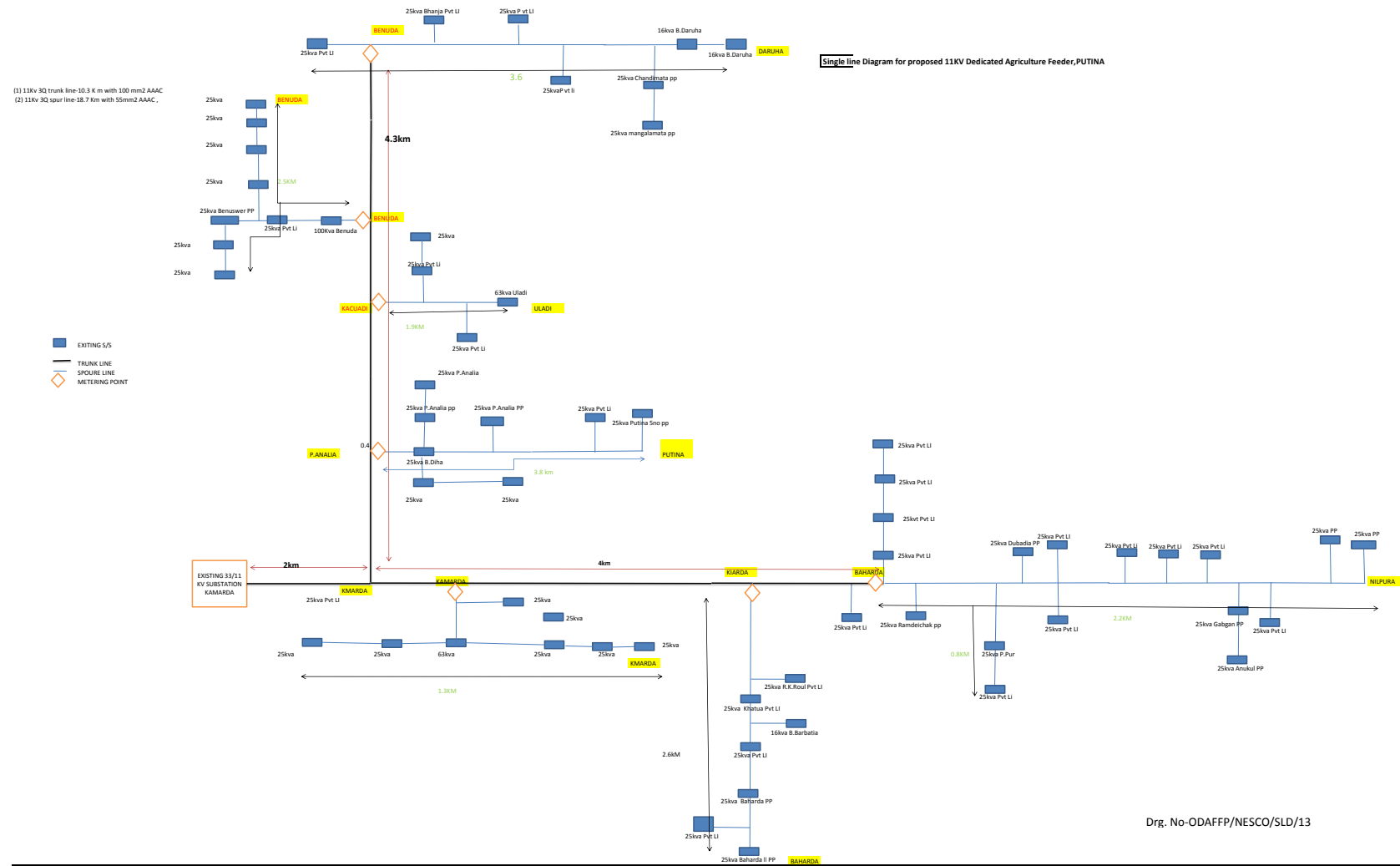


Drg. No-ODAFFP/NESCO/SLD/8

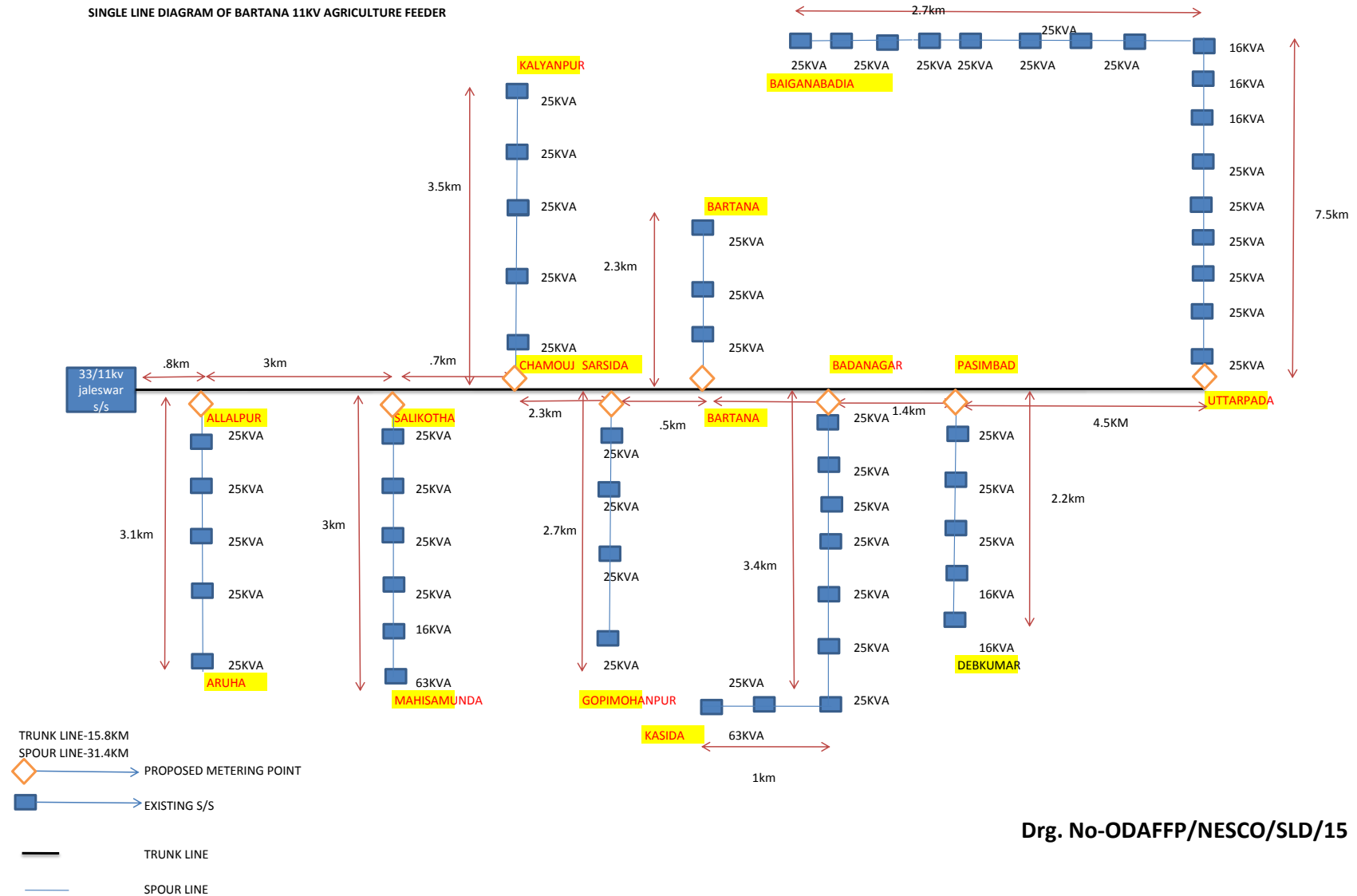
Single line Diagram for proposed 11KV Dedicated Agriculture Feeder, Mohagav



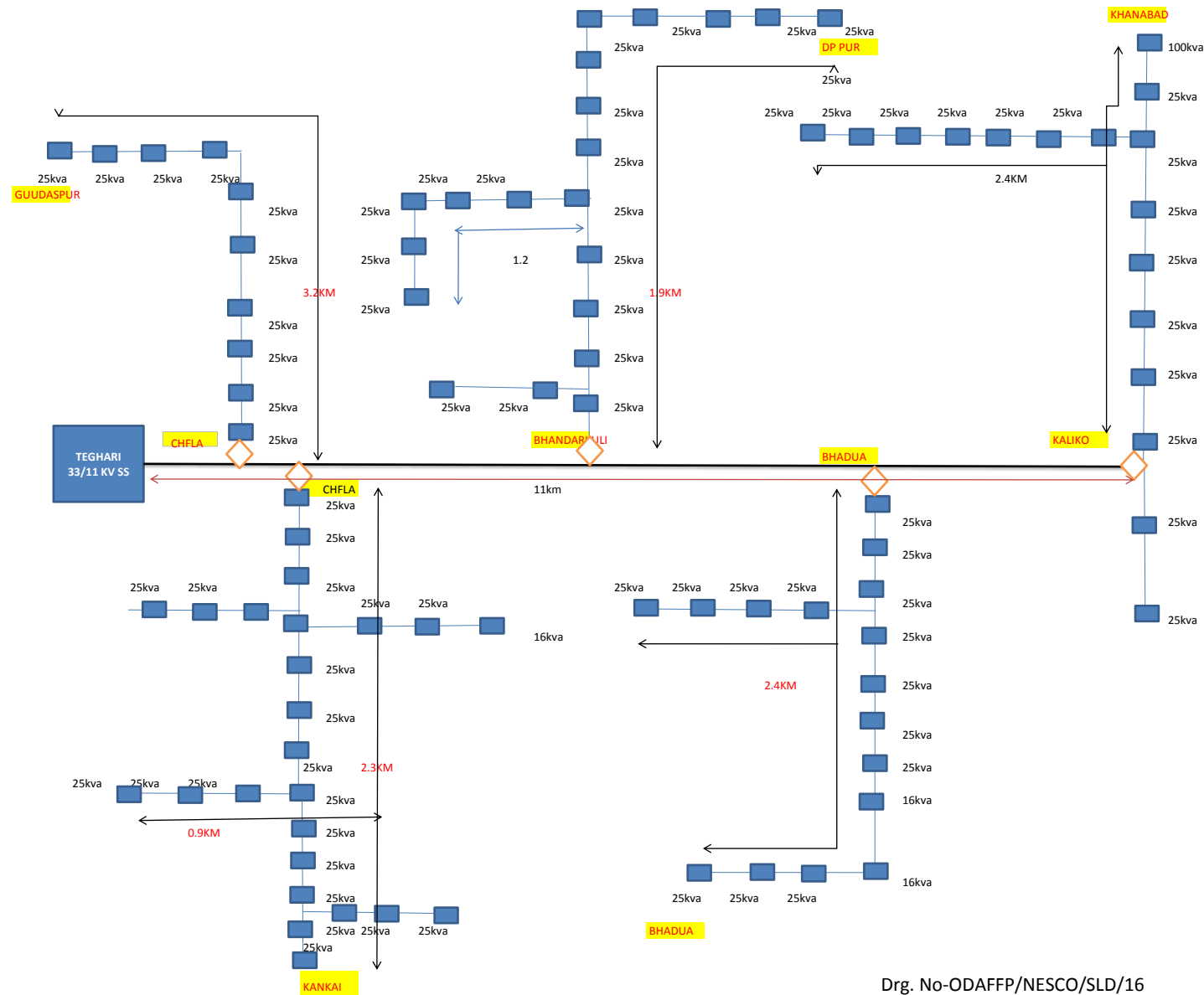
Drg. No-ODAFFP/NESCO/SLD/12



SINGLE LINE DIAGRAM OF BARTANA 11KV AGRICULTURE FEEDER



Drg. No-ODAFFP/NESCO/SLD/15

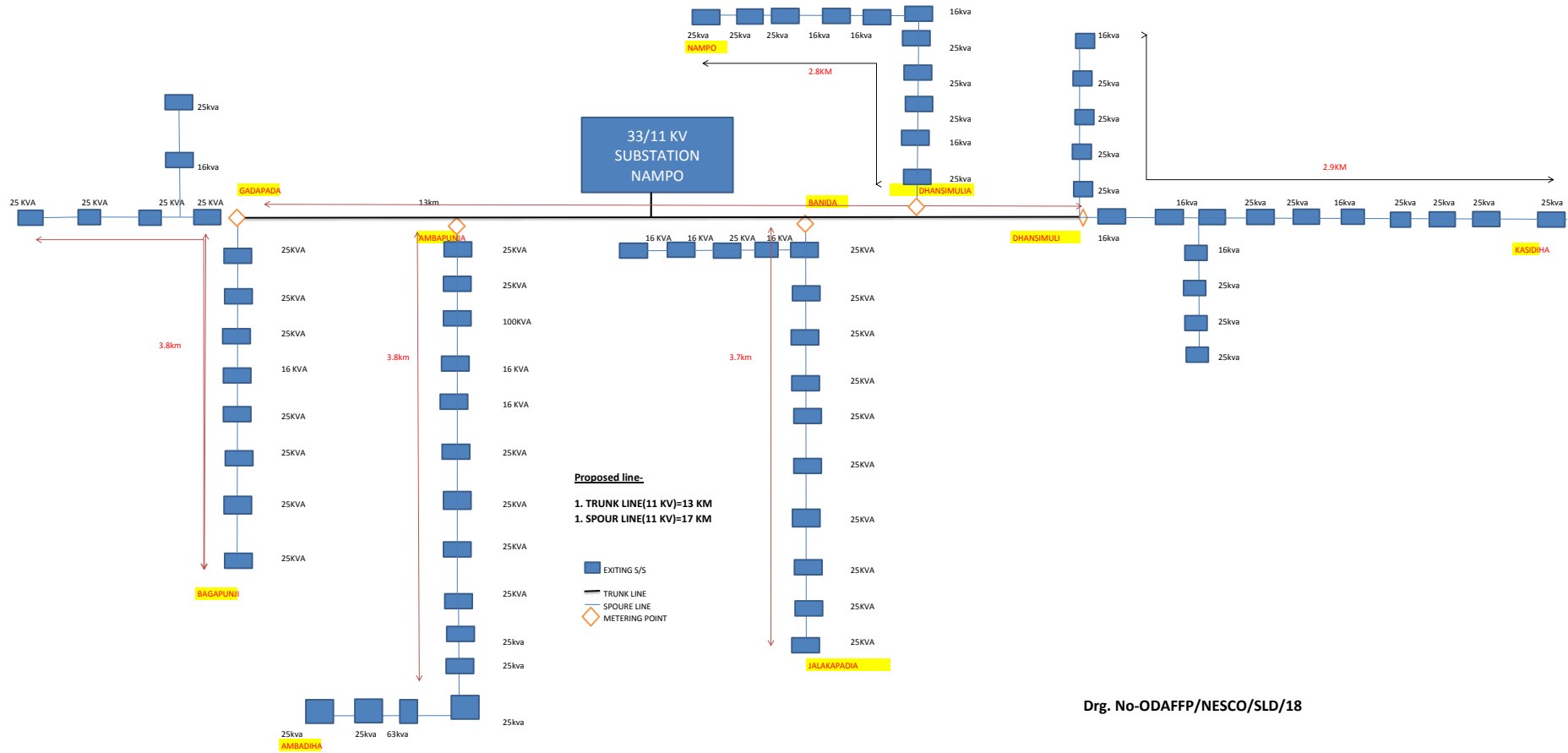


Drg. No-ODAFFP/NESCO/SLD/16

33/11 KV
JALESWAR
S/S



Single line Diagram for proposed 11KV Dedicated Agriculture Feeder, AMBILIATHA



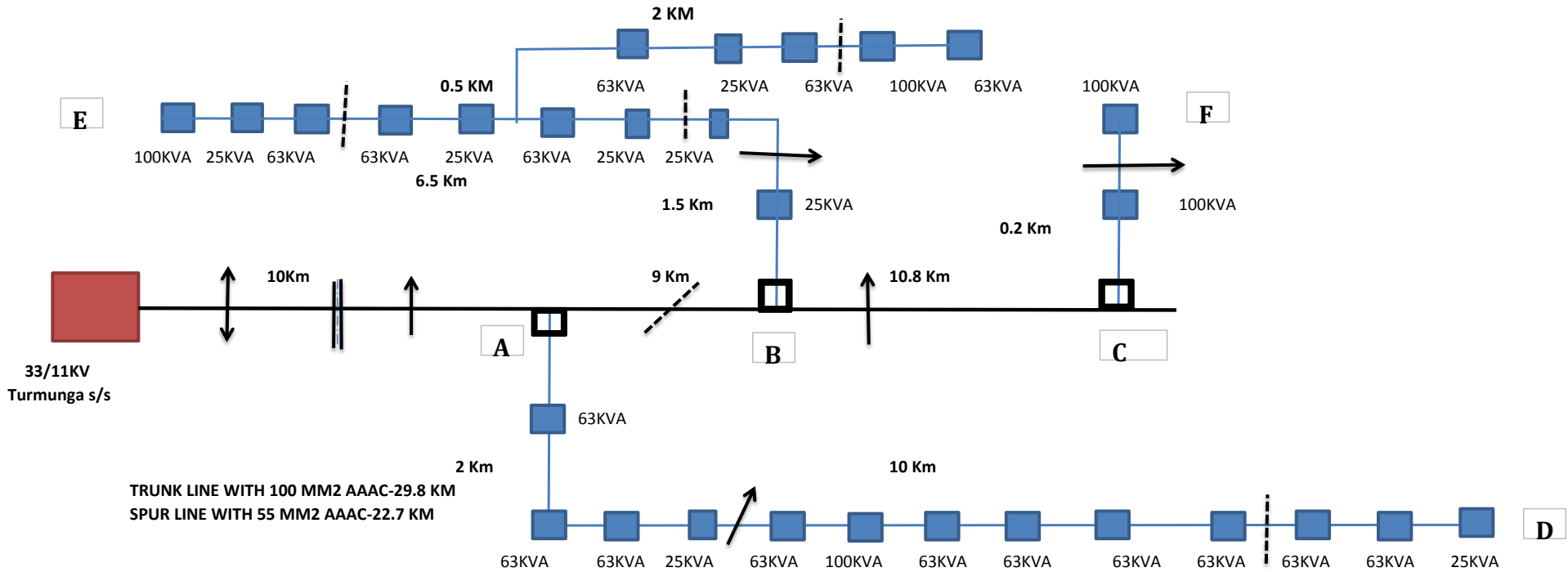
Drg. No-ODAFFP/NESCO/SLD/18

Single line Diagram for proposed 11KV Dedicated Agricultural Feeder, Maulia



Drg. No-ODAFFP/NESCO/SLD/19

Single line Diagram for proposed 11KV Dedicated Agricultural Feeder from Turmunga to Denua & Govindpur

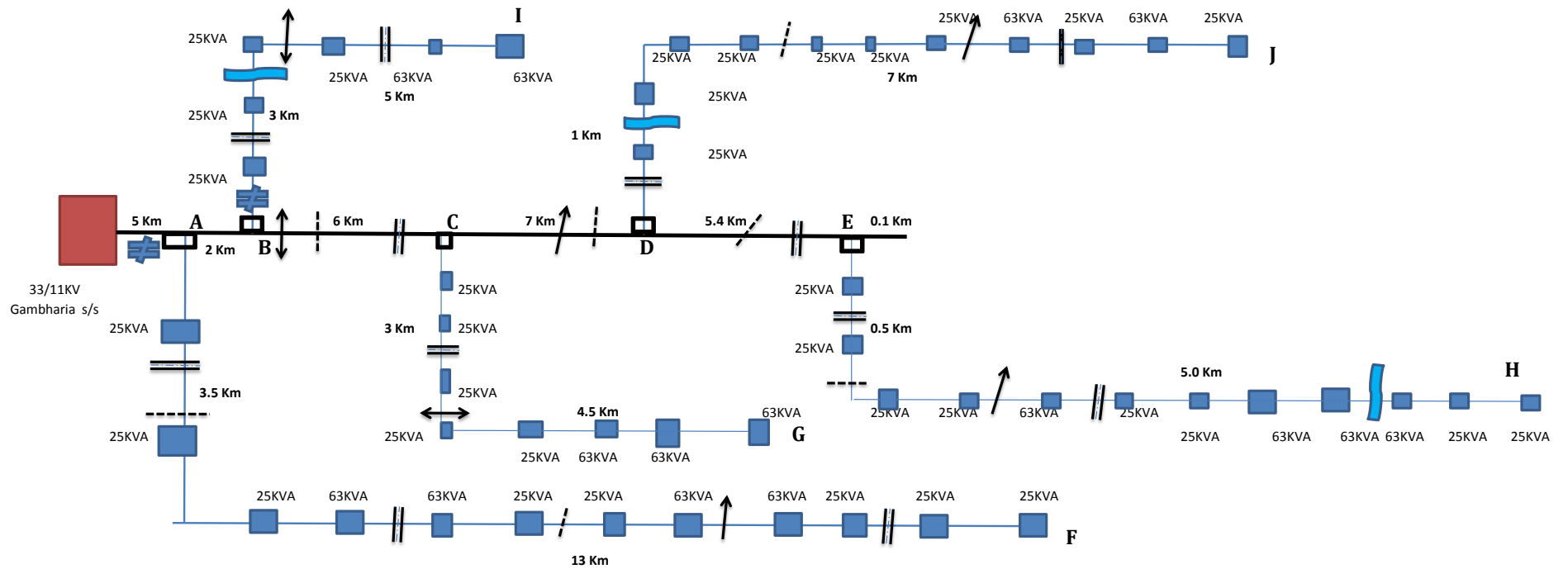


TRUNK & SPUR LENGTH		
SPUR LINE	IN KMs	Load in KVA
SPUR LINE- 1 AD	12	780
SPUR LINE-2 BE	10.5	728
SPUR LINE-3 CF	0.2	200
Trunk Line	29.9	1708
Total Line Length	52.6	

LEGENDS	
	Proposed Line
	33 / 11 KV Grid S/S Hardakhhol
	Road Crossing
	11 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV Metering & AB Switch

- Location Name
- A-- Dumurugoda
 - D-- Govindpur
 - B-- Koinda
 - E-- Rajnagar (Denua)
 - C-- Patanali
 - F-- Changuapada & Kiapada

Single line Diagram for proposed 11KV Dedicated Agricultural Feeder from Gambharia to Bankabareni & Dhenkikote



LEGENDS	
	Proposed Line
	33 / 11 KV Grid S/S Hardakhol
	Road Crossing
	11 KV Crossing
	33 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV 4-Pole with Metering &
	Railway Crossing

TRUNK & SPUR LENGTH		
SPUR LINE	IN KMs	Load in KVA
SPUR LINE- 1 AF	16.5	452
SPUR LINE-2 BI	8	226
SPUR LINE-3 CG	7.5	314
SPUR LINE-4 DJ	8	351
SPUR LINE-5 EH	5.5	452
Trunk Line	25.5	1795
Total Line & KVA	71	

Trunk Line with 100mm² AAAC-25.5

Spur Line with 55mm² AAAC-45.5Km

Drg. No-ODAFFP/NESCO/SLD/21

Location Name

A- Kemsada

F- Dhenkikote

B- Bauripada

I- Poipani

C- Mukuna

G- Jogimatha

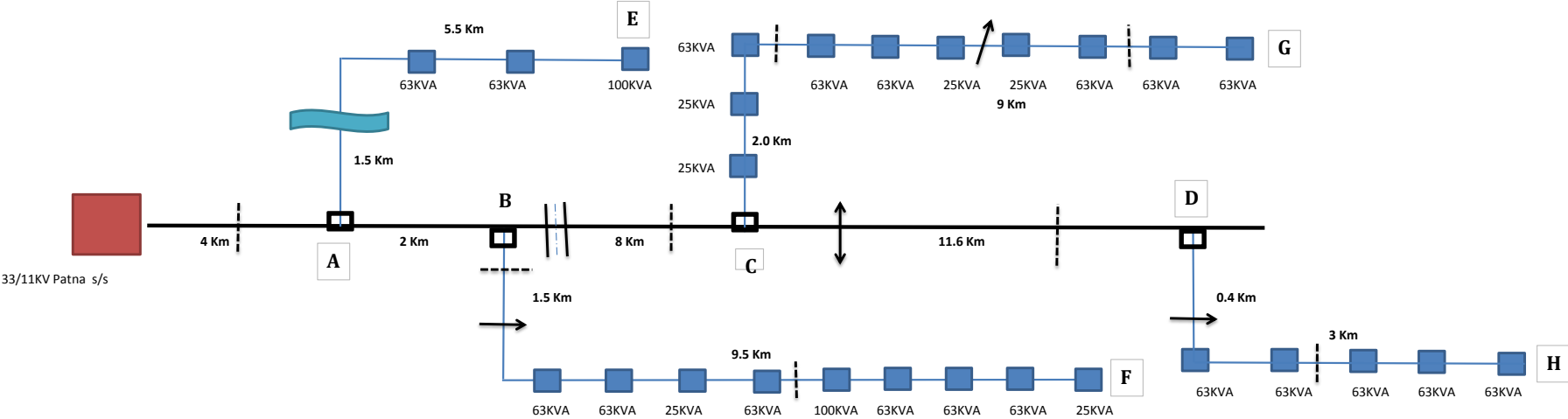
E- Banajodi

H- Jodichatar

D- Padmapur

J- Dabanka

Single line Diagram for proposed 11KV Dedicated Agricultural Feeder from Patna to Dumuria ,Silida & kapundia



TRUNK LINE WITH 100 MM2 AAAC- 25.6 Km
SPUR LINE WITH 55 MM2 AAAC - 32.4 Km

TRUNK & SPUR LENGTH		
SPUR LINE	IN KMs	Load in KVA
SPUR LINE- 1 AE	7	226
SPUR LINE-2 BF	11	528
SPUR LINE-3 CG	11	478
SPUR LINE-4 DH	3.4	315
Trunk Line	25.6	1547
Total Line Length	58	

LEGENDS	
	Proposed Line
	33 / 11 KV Grid S/S Hardakhhol
	Road Crossing
	11 KV Crossing
	33 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV Metering & AB Switch

Location Name










- A-- Patna
- E-- Kapundi
- B-- Shivnarayanpur
- F-- Silida
- C-- Mangalpur
- G-- Rengalbeda
- D-- Erendei
- H-- Dumuria

33/11KV Sub-Station Champua

TRUNK LINE WITH 100 MM² AAAC- 19.8 KM

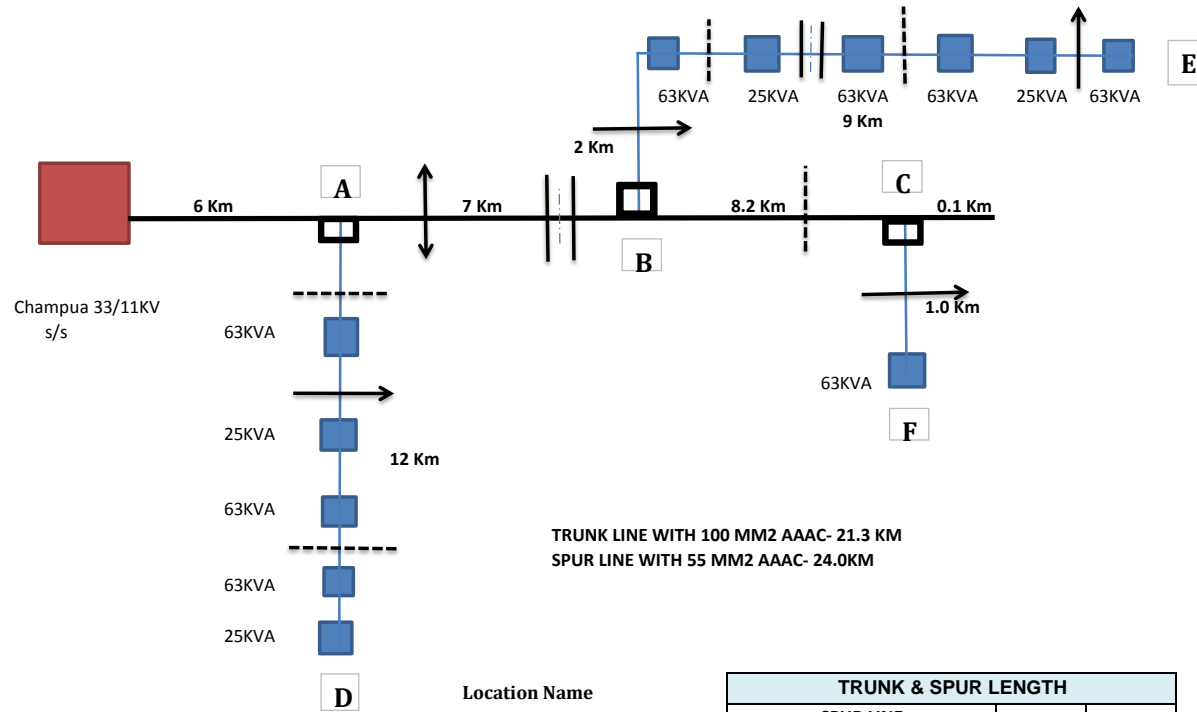
SPUR LINE WITH 55 MM² AAAC- 35 KM

TRUNK & SPUR LENGTH		
SPUR LINE	IN KM's	
SPUR LINE- 1 AD	19	692
SPUR LINE-2 BE	8	239
SPUR LINE-3 CF	8	313
Trunk Line	19.8	1244
Total Line Length	54.8	

LEGENDS	
	Proposed Line
	33 / 11 KV Grid S/S Hardakhol
	Road Crossing
	11 KV Crossing
	33 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV Metering & AB Switch

A-- Godhuli
D-- Satahalia
B-- kankadapat
E-- Putugaon
C-- Kutariposi
F-- Satahalia

Single line Diagram for proposed 11KV Dedicated Agricultural Feeder from Champua to Ramla & Ramachandrapur












Location Name

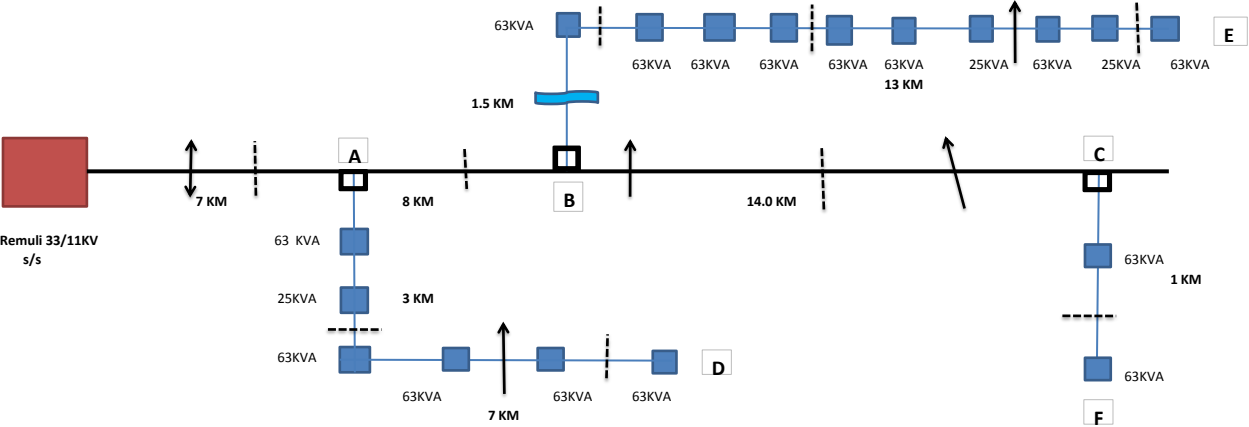
A-- Maheswarpur
D-- Ramla
C-- Maheswarpur
F-- Kanchanpur
B-- Maheswarpur
E-- Ramachandrapur

TRUNK & SPUR LENGTH		
SPUR LINE	IN KMS	
SPUR LINE- 1 AD	12	239
SPUR LINE-2 BE	11	302
SPUR LINE-3 CF	1	63
Trunk Line	21.3	604
Total Line Length	45.3	

Drg. No-ODAFFP/NESCO/SLD/24

LEGENDS	
	Proposed Line
	11 KV Grid S/S Hardak
	Road Crossing
	11 KV Crossing
	33 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV Metering & AB

Single line Diagram for proposed 11KV Dedicated Agricultural Feeder from Remuli to Raruangoda



TRUNK LINE WITH 100 MM2 AAAC-29 KM
SPUR LINE WITH 55 MM2 AAAC-25.5 KM

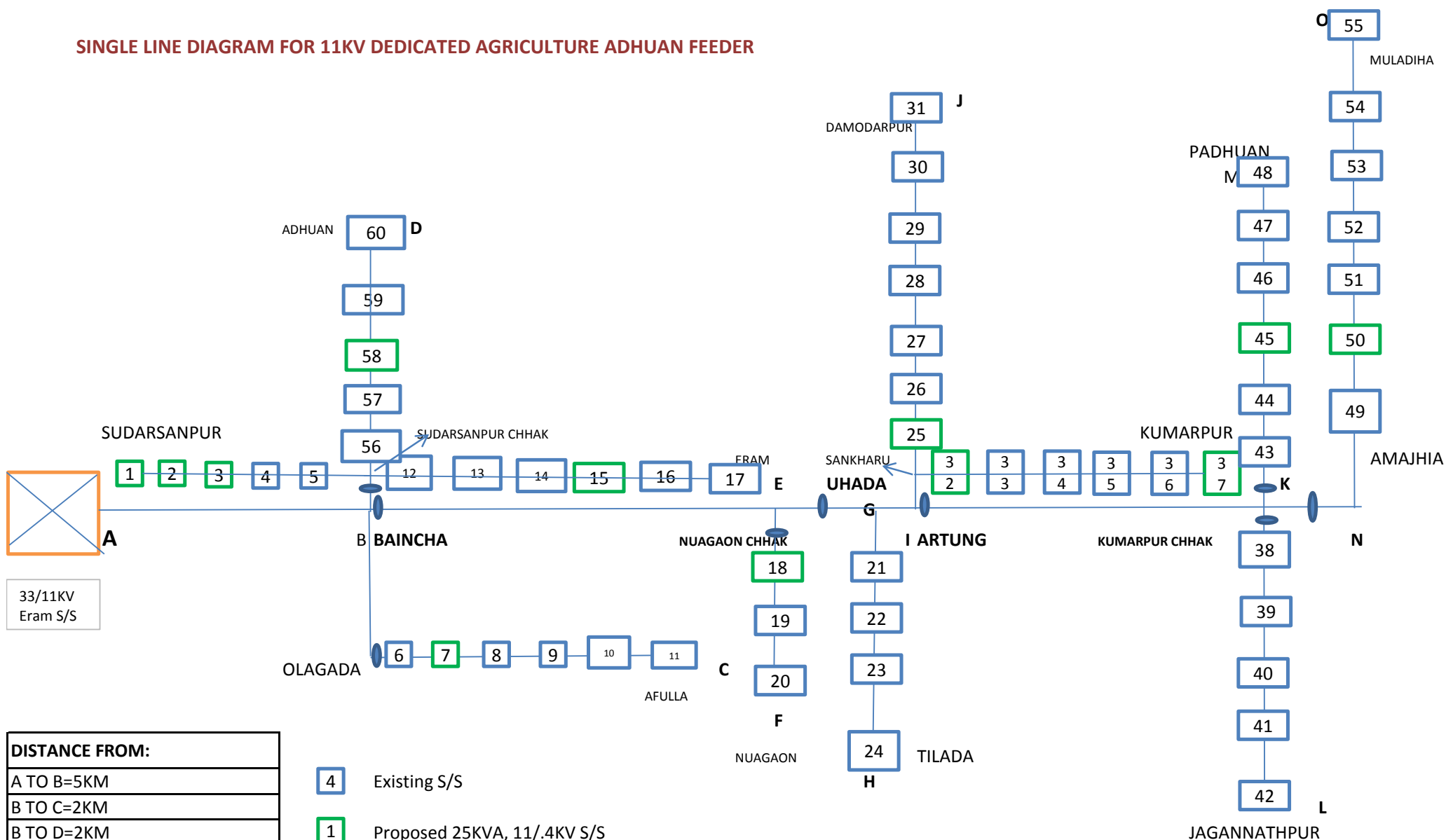
TRUNK & SPUR LENGTH		
SPUR LINE	IN KMs	Load in KVA
SPUR LINE-1 AD	10	340
SPUR LINE-2 BE	14.5	554
SPUR LINE-3 CF	1	126
Trunk Line	29	1020
Total Line Length	54.5	

Drg. No-ODAFFP/NESCO/SLD/25

LEGENDS	
	Proposed Line
	33 / 11 KV Grid S/S Hardakhhol
	Road Crossing
	11 KV Crossing
	33 KV Crossing
	LT Line Crossing
	River Crossing
	11/0.4 KV DTR
	11 KV Metering & AB Switch

- Location Name
- A-- Prataposi
 - D-- Hastinapur
 - B-- Sarei
 - E-- Rangamatia
 - C-- Raruangoda
 - F-- Rangamatia

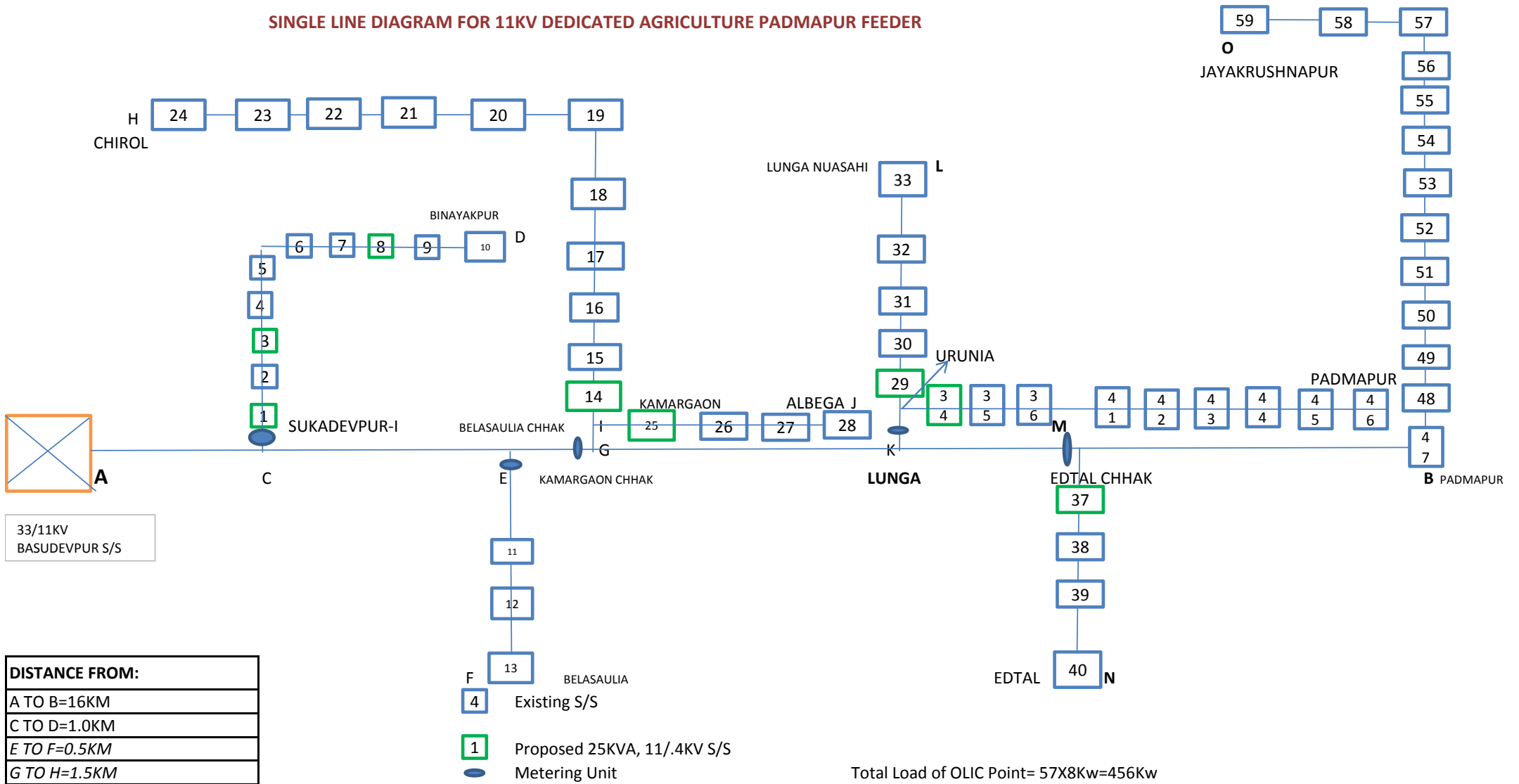
SINGLE LINE DIAGRAM FOR 11KV DEDICATED AGRICULTURE ADHUAN FEEDER



Total Load of OLIC Point= 58X8Kw=464Kw
 Total Load of PLI= 2X4Kw=8Kw
 Total Load=472Kw
 Metering Unit=9Nos.

Drg. No-ODAFFP/NESCO/SLD/26

SINGLE LINE DIAGRAM FOR 11KV DEDICATED AGRICULTURE PADMAPUR FEEDER

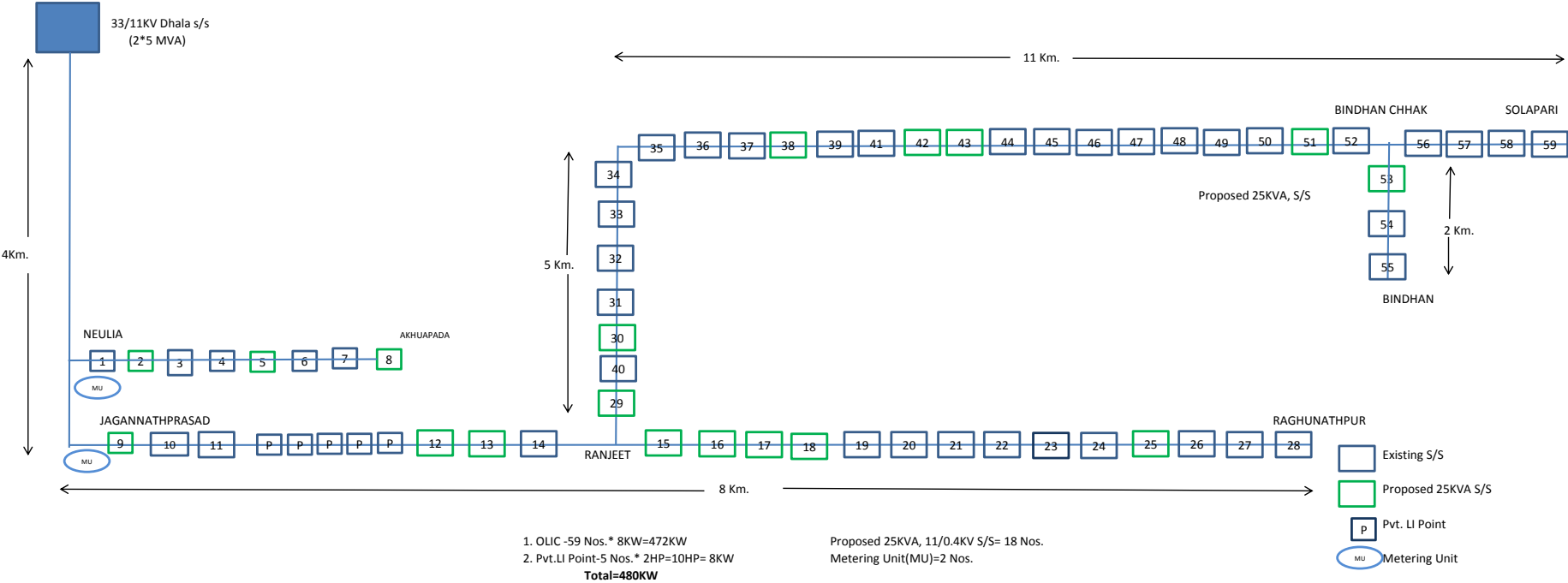


Total Load of OLIC Point= 57X8Kw=456Kw
 Total Load of PLI= 2X4Kw=8Kw
 Total Load=464Kw
 Metering Unit=5Nos.

Drg. No-ODAFFP/NESCO/SLD/27

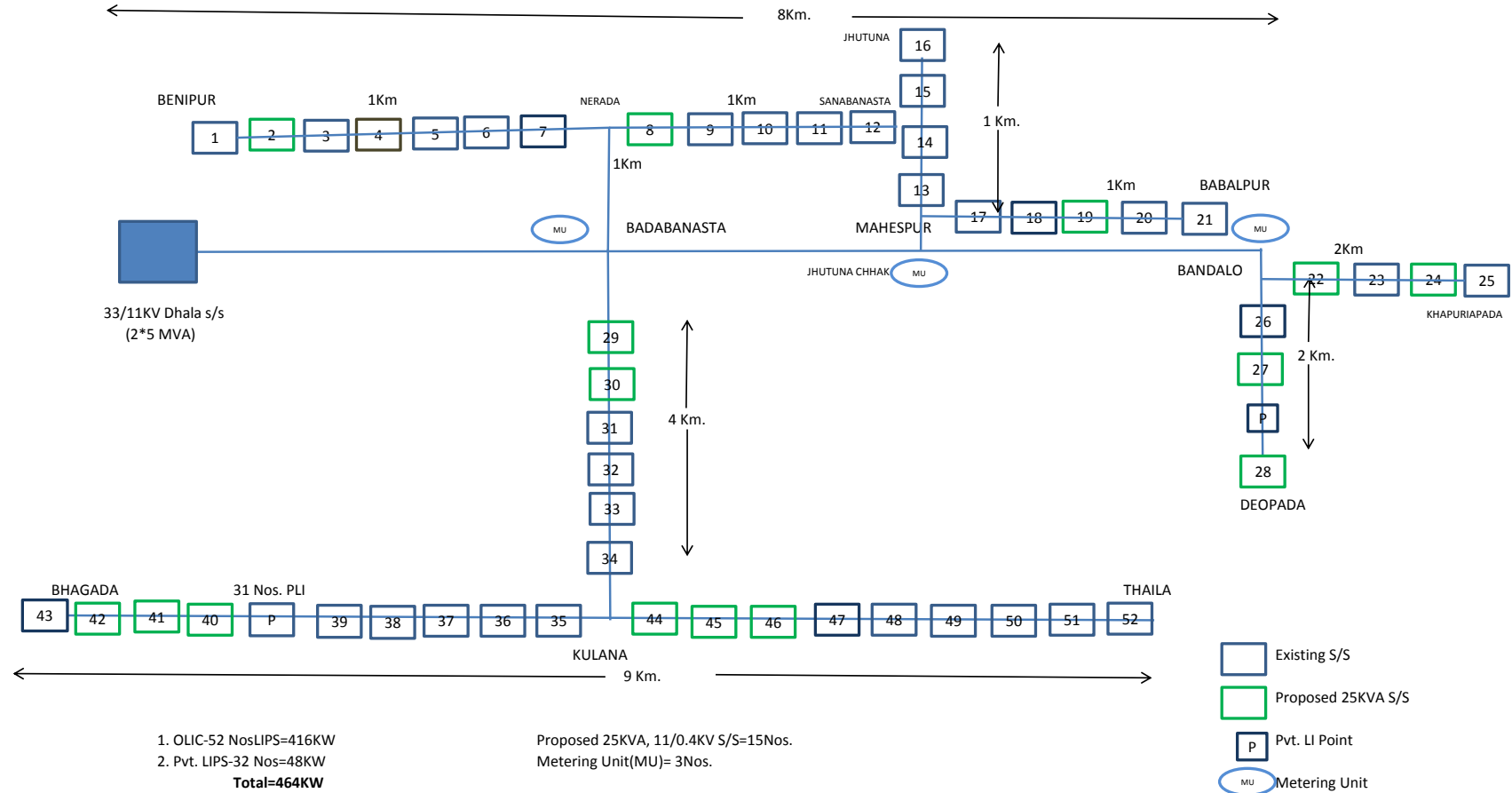
Single line Diagram for proposed 11KV Dedicated Agricultural Feeder Under Bhandaripokhari Block

Name of the Feeder:-Akhupada



Single line Diagram for proposed 11KV Dedicated Agricultural Feeder Under Bhandaripokhari Block

Name of the Feeder:-Nerada



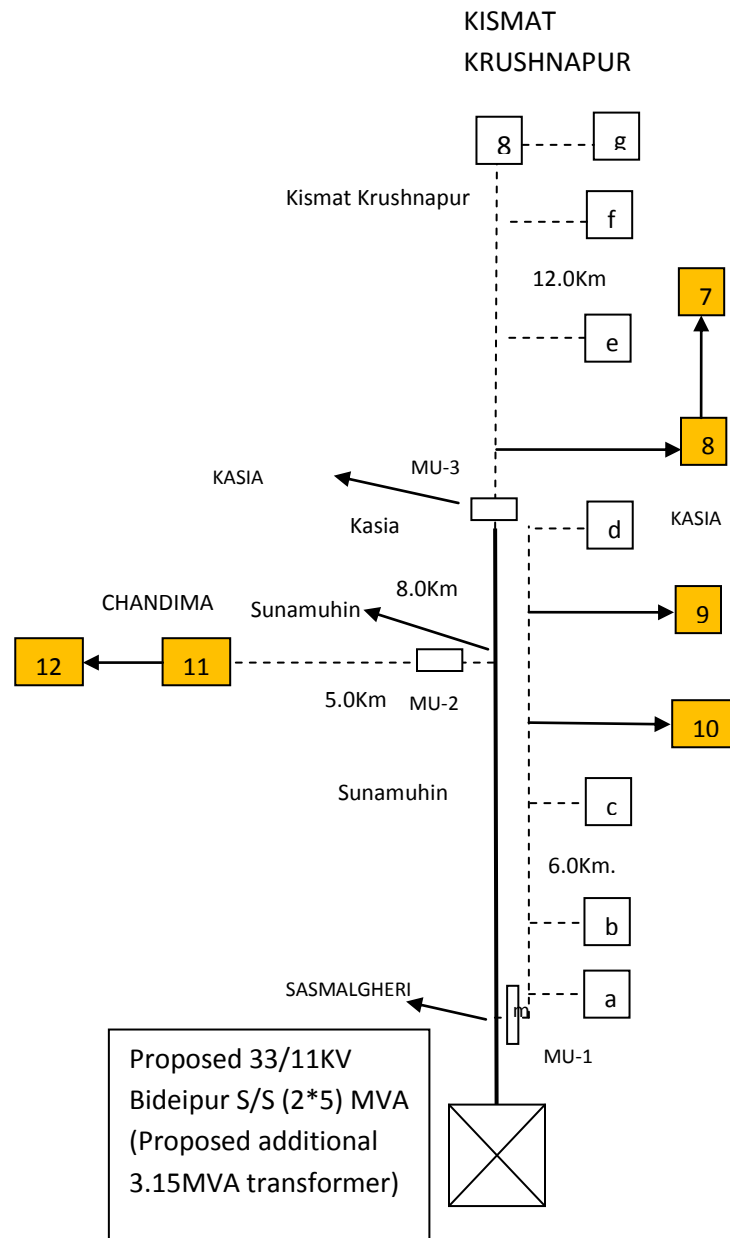
Drg. No-ODAAPP/NESCO/SLD/29

0.5km



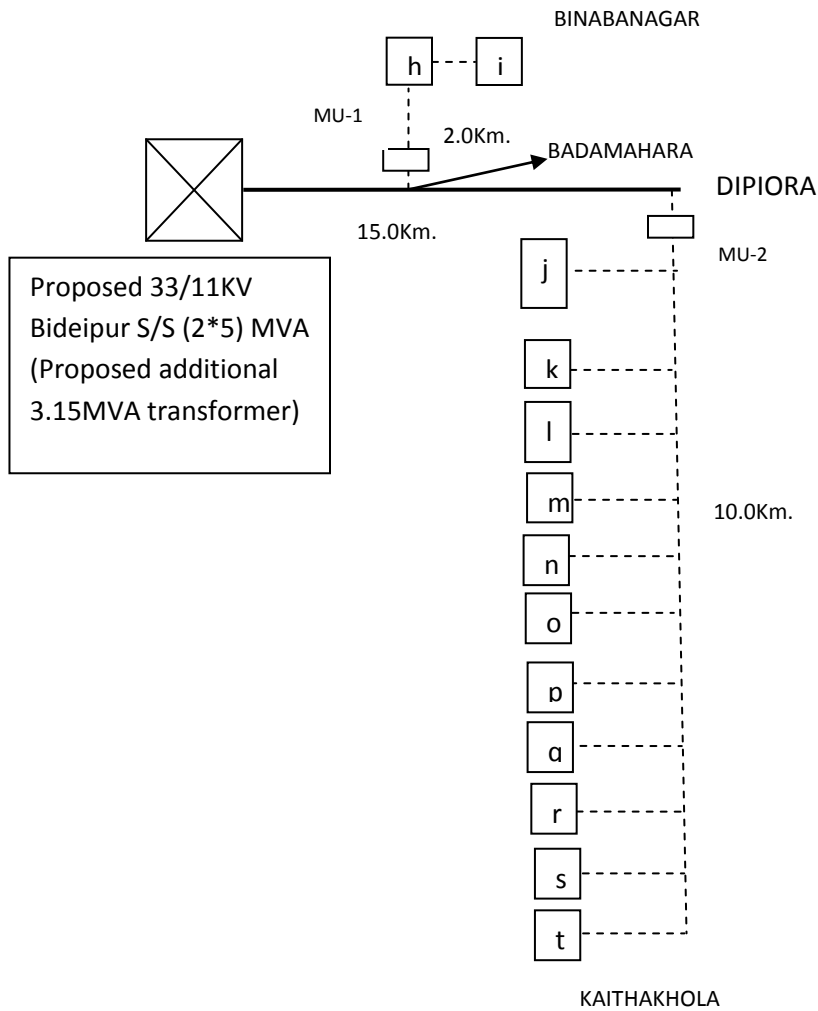
Drg. No-ODAFFP/NESCO/SLD/30

**SINGLE LINE DIAGRAM OF DEDICATED PISCICULTURE 11KV FEEDER (BIDEIPUR-SUNAMUHING-KASIA-
K.KRUSHNAPUR**



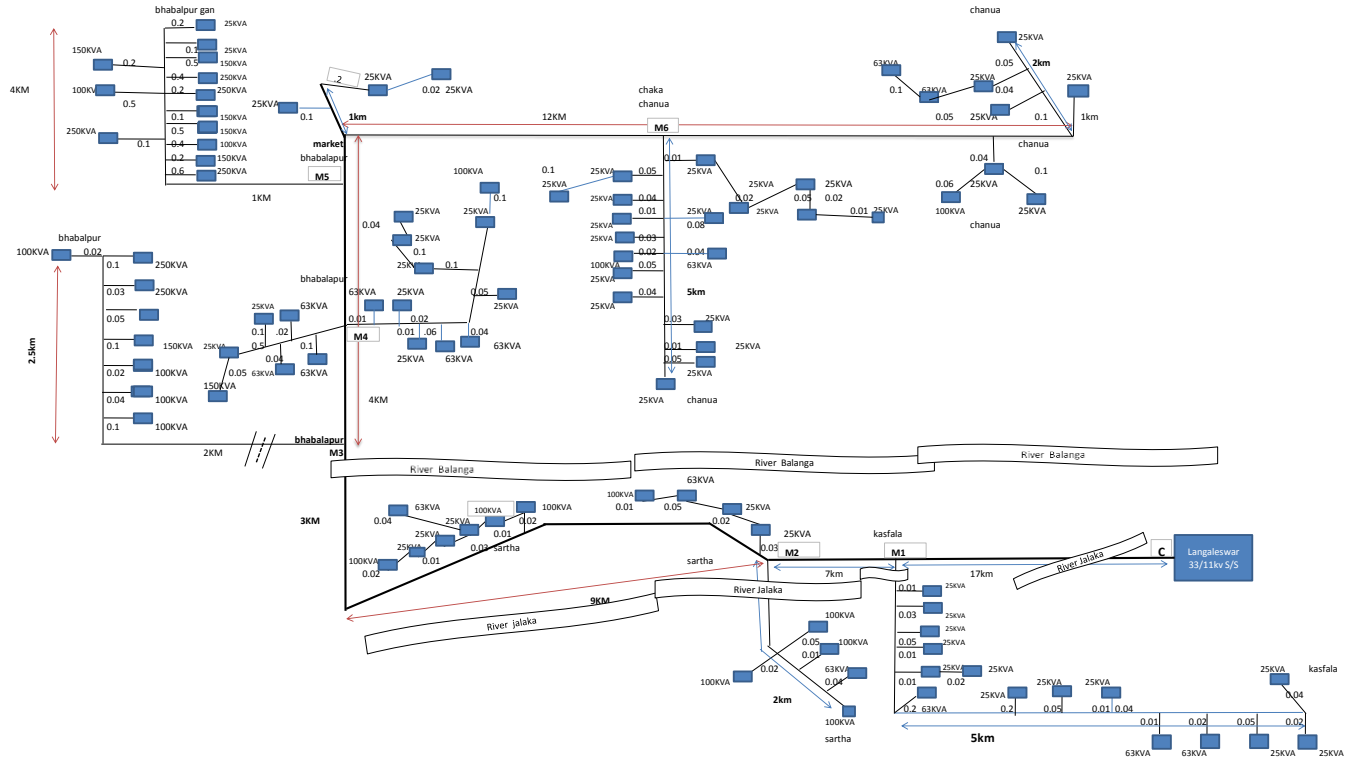
Drg. No-ODAFFP/NESCO/SLD/31

SINGLE LINE DIAGRAM OF DEDICATED PISCICULTURE 11KV FEEDER (BIDEIPUR-KAITHAKHOLA)



Drg. No-ODAFFP/NESCO/SLD/32

Single line Diagram for proposed 11KV Dedicated Kasafal,Sartha & Bahabalpur Pisciculture Feeder



Scope

- 1 Trunk line-41km
- 2 Spur line-36.48km
- 3 Proposed load-1427KVA
- 4 Existing load-825KVA
- 5 U/G of power transformer from 1.6MVA to 8MVA
- 6 Cubicle-1no
- 7 Metering unit-6nos
- 8 DTR Details - 100 KVA - 18Nos. = 1800 KVA

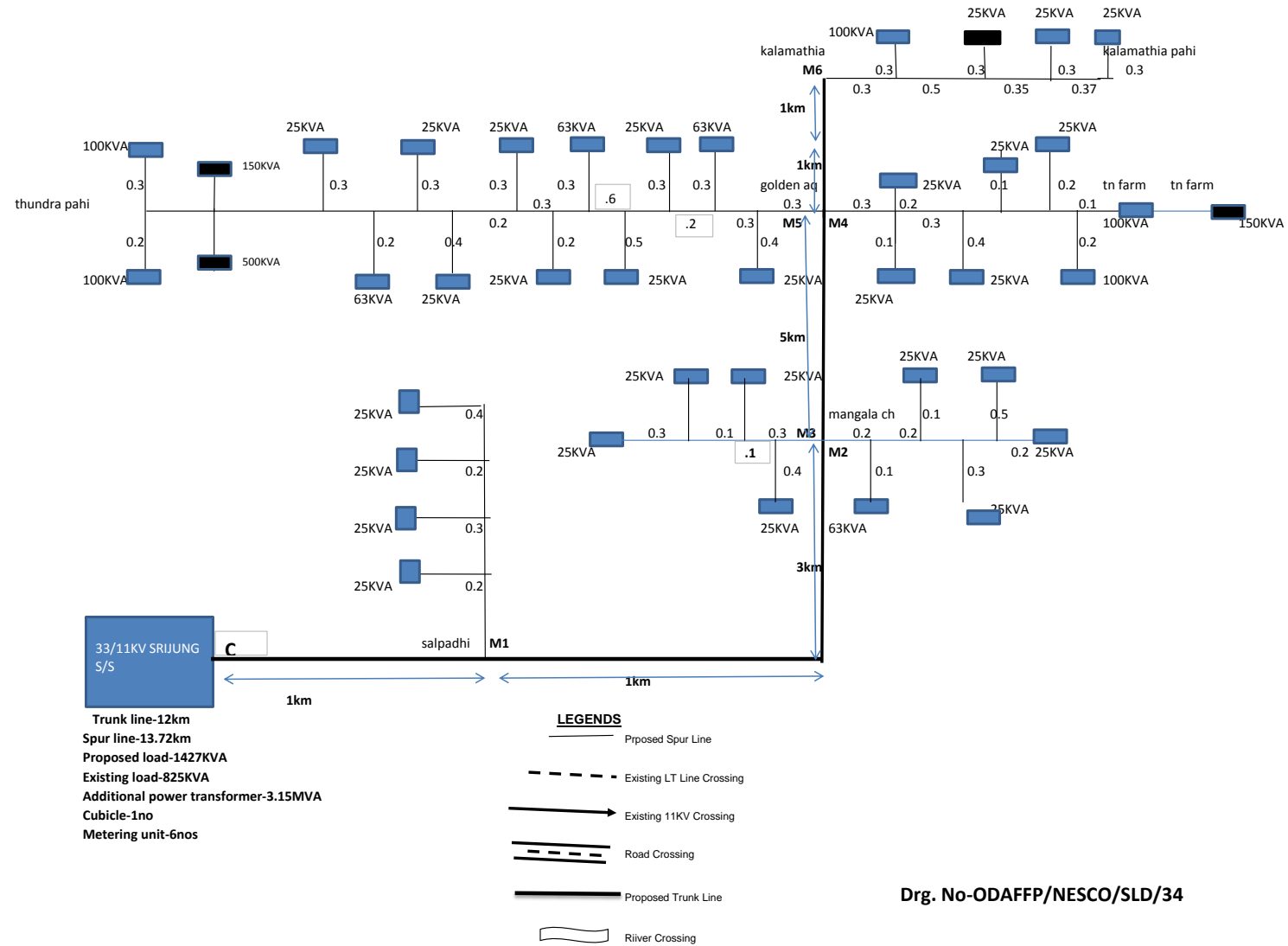
63 KVA - 15 Nos. = 945 KVA
 25 kva - 53 Nos. = 1325 KVA.
 150KVA-7nos=1050KVA
 250KVA-6nos=1500KVA
 Total load-6620KVA

LEGENDS

- Proposed Spur Line
- Existing LT Line Crossing
- Existing 11KV Crossing
- Road Crossing
- Proposed Trunk Line
- River Crossing

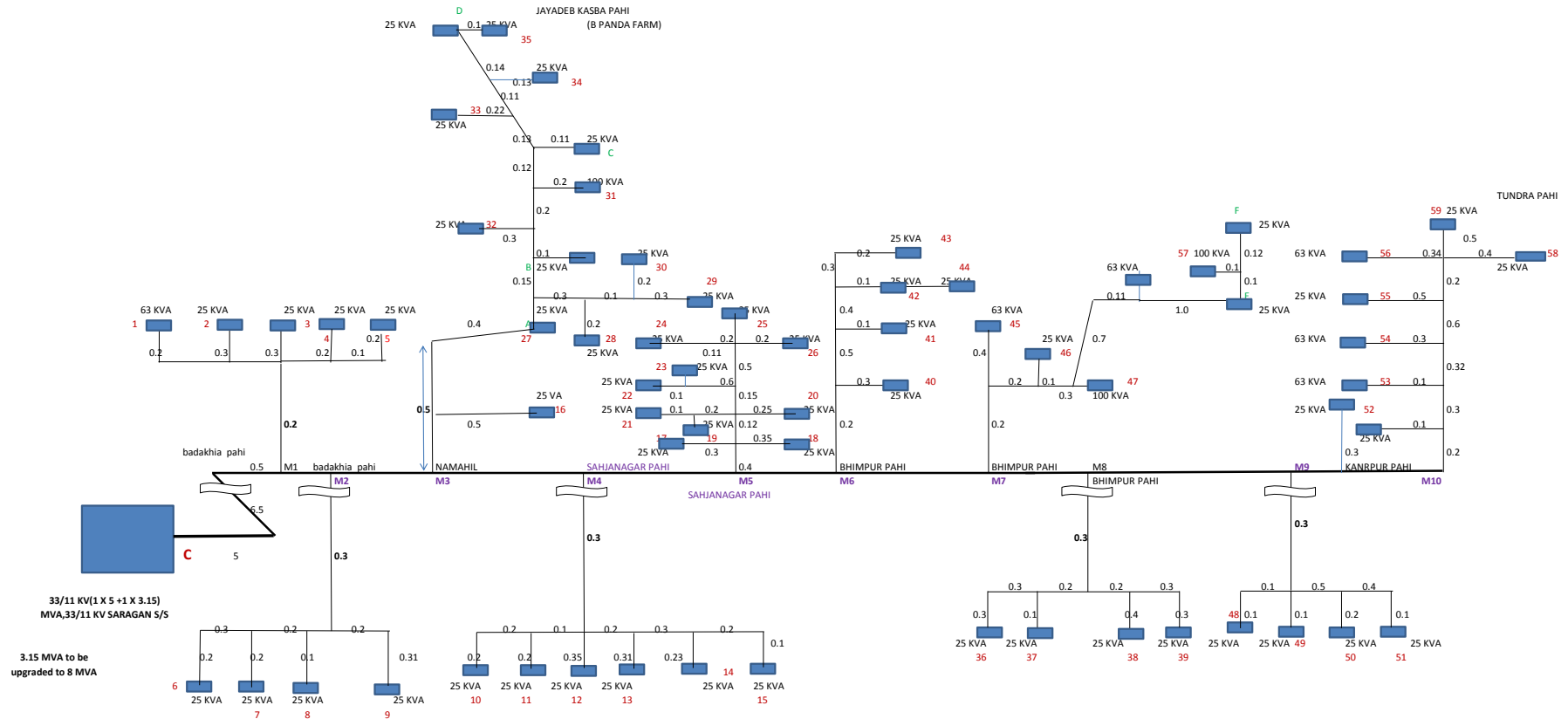
Drp. No-ODAAPP/NESCO/SLD/33

Single line diagram of Proposed Inchudi Pisciculture 11kv feeder



Drg. No-ODAFFP/NESCO/SLD/34

SINGLE LINE DIAGRAM OF PROPOSED 11 KV BARDHANPUR PISCICULTURE FEEDER EMENATING FROM SARAGAN,33/11 KV S/S



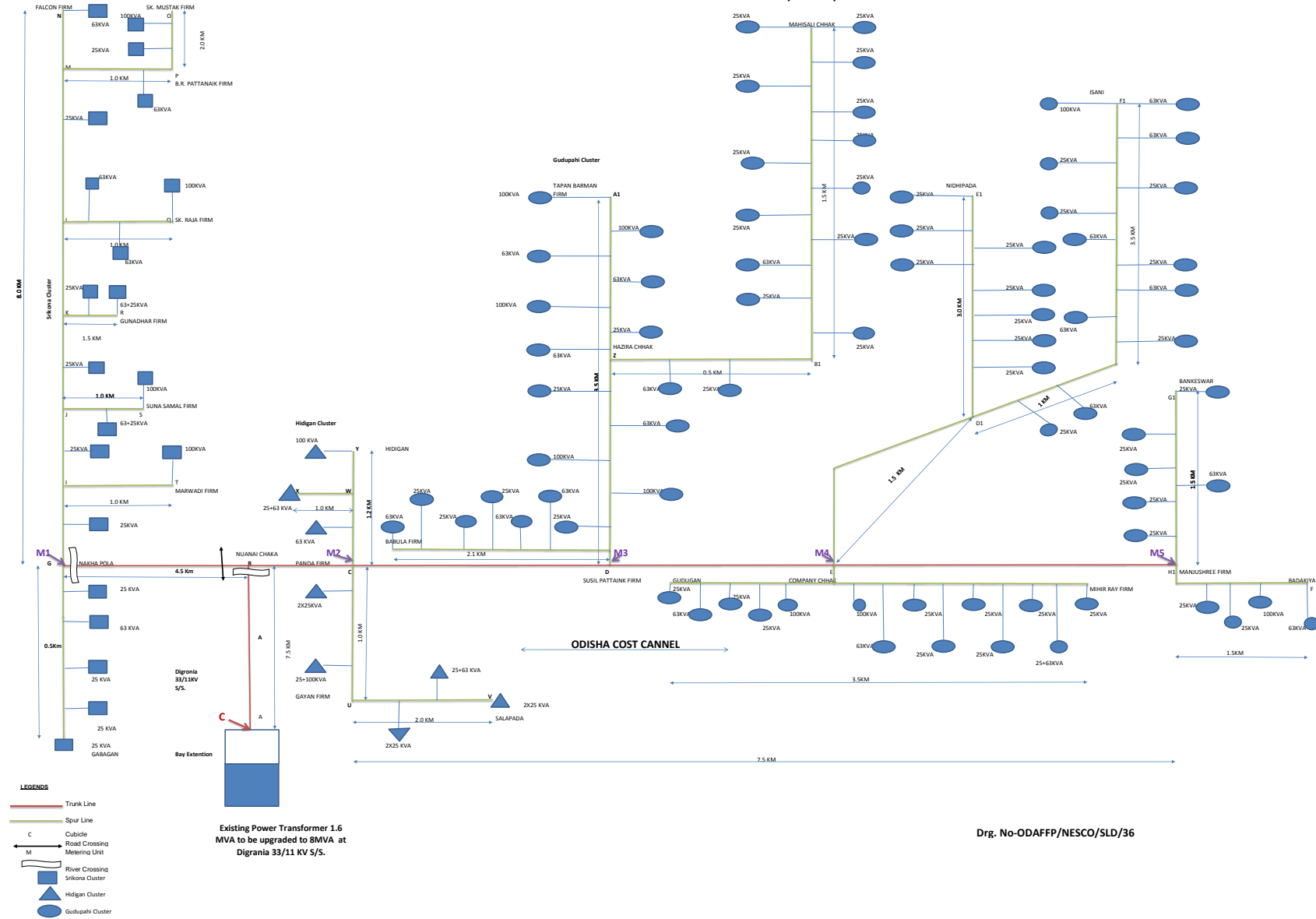
SCOPE OF WORK:-

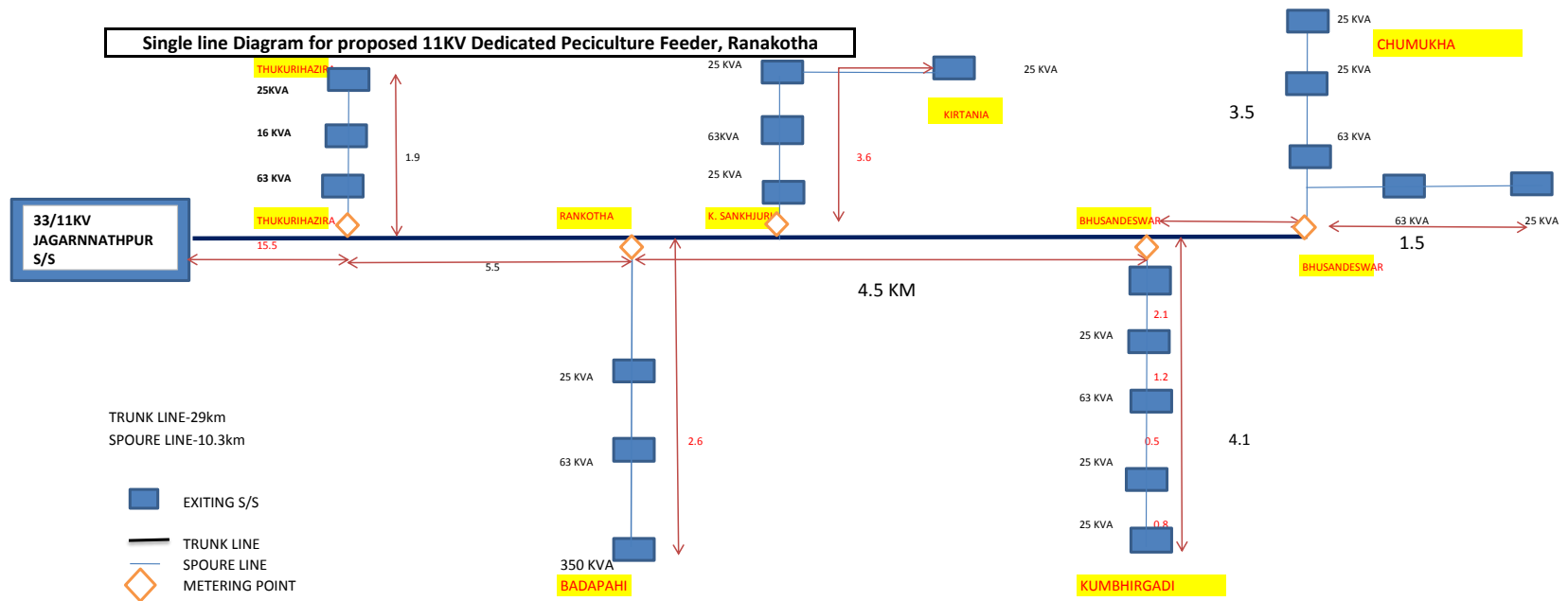
Distance - in Km.

- 1) Proposed Total load - 1890 KVA.(Code No - 1 to 59)
- 2) Existing Total load - 229 KVA (A to H)
- 3)Trunk line - 23 Km (100 sq mm)
- 4) Spur line - 24.6Km (55 sq mm)
- 5) DTR Details - 100 KVA - 3 Nos. = 300 KVA
63 KVA - 5 Nos. = 315 KVA
25 kva - 51 Nos. = 1275 KVA.
TOTAL = 1890 KVA
- 6)Metering Unit - 10nos. (M)
- 7) Cubicle - 1 No (C)
- 8) Existing Capacity of Saragan 33/11 KV S/S - ---- 1 X 5 MVA + 1 X 3.15 MVA.
- 9) Proposed Capacity of Saragan 33/11 KV S/S ---- 1 X 5 MVA + 1 X 8 MVA
(Existing 3.15 MVA to be upgraded to 8 MVA)

Drg. No-ODAFFP/NESCO/SLD/35

SINGLE LINE DIAGRAM OF PROPOSED DEDICATED 11KV FEEDER FOR PISCULTURE PURPOSE FROM 33/11KV S/S DIGRONIA





Drg. No-ODAFFP/NESCO/SLD/37