OPTION-II RS MAP (REVISED & PROPOSED DRAWING FOR APPROVAL)

KIDADAL
KOPPAL
BASAPUR
AARESS IRON AND STEEL LIMITED
MSPL LIMITED
IMPOUNDING RESERVOIR RL 514
HALAVARTHI
KSSIDC
SINGH LAND
NE
NW
SE
SW
VILLAGE ALLANAGAR
VILLAGE KANAKAPUR
VILLAGE ALLIGAPUR
HIREBAGANAL
HIREKASINKANDI
CHIKKAKASINAKANDI
SY. No.25
SY. No.25
SY. No.25
FOREST BOUNDARY
E
D
NEEM TREE
MANGO GROOVE
PIPE FACTORY
T.B.BOARD BOUNDARY
VILLAGE HOSAHALLI
VILLAGE MUNIRABAD
RAW WATER RISING MAIN 1000MM DIA MS PIPE WITH CC COATING INSIDE AND OUTSIDE LENGTH RM - FROM JW TO BPT 15.235 KM DISCHARGE : 1.193 M3 / SEC
TUNGA BHADRA PROJECT MUNIRABAD HOUSING BOARD
MAIN CANAL
MOND
TUNGA BHADRA RESERVOIR
LINGAPUR VILLAGE SUBMERGED AREA FOR TB DAM PROJECT
HOLEMUDLAPUR VILLAGE SUBMERGED AREA FOR TB DAM PROJECT
PROPOSED POWER TRANSMISSION LINE
EXISTING 33KV SUB STATION
TB GUEST HOUSE
A
C
POULTARY FARM
FACTORY
TB DAM RESERVOIR
JACKWELL
RL: 480 M
RAW WATER RISING MAIN 1000MM DIA 15.235 KM
AISL & MSPL AREA
IC
RC
IR
RL: 514 m

FLOW DIAGRAM FOR WATER SUPPLY

PROPOSED AREA REQUIRED FOR WATER SUPPLY (PIPE LINE) FROM FORESHORE OF TUNGABHADRA DAM TO AISL & MSPL RESERVOIR IN DIFFERENT HEADS

PARTICULAR			LENGHT (m)	WIDTH (m)	AREA (Sqm)	AREA (Ha)	REMARKS
Start	End	Components					
NON FOREST AREA							
B	C	Intake pipe	1000	10	10000	1.000	JACKWELL TO INTAKE PIPE
E	F	PIPE LINE	1045	3	3135	0.314	FOREST BOUNDARY TO CHIKKAKASINAKANDI VILLAGE BOUNDARY
F	G	PIPE LINE	3787	3	11361	1.136	CHIKKAKASINAKANDI VILLAGE BOUNDARY TO HIREKASINKANDI VILLAGE BOUNDARY
G	H	PIPE LINE	3652	3	10956	1.096	HIREKASINKANDI VILLAGE BOUNDARY TO HIREBAGANAL VILLAGE BOUNDARY
H	I	PIPE LINE	1555	3	4665	0.467	HIREBAGANAL VILLAGE BOUNDARY TO AISL TURNING
I	J	PIPE LINE	733	3	2199	0.220	AISL TURNING TO SE CORNER OF AISL
J	K	PIPE LINE	540	3	1620	0.162	SE CORNER OF AISL TO HALAVARTHI VILLAGE BOUNDARY
K	L	PIPE LINE	1583	3	4749	0.475	HALAVARTHI VILLAGE BOUNDARY TO AISL RESERVOIR
					Total Non forest area =	4.869	
IN FOREST AREA FOR PIPELINE AND POWER FEEDER LINE							
A	B	Power line	1200	7.5	9000	0.900	EXISTING 33KV SUB STATION TO MSPL SUB STATION
B	D	PIPE LINE	1920	3	5760	0.576	JACKWELL TO LINGAPUR VILLAGE BOUNDARY
D	E	PIPE LINE	420	3	1260	0.126	LINGAPUR VILLAGE BOUNDARY TO FOREST BOUNDARY
					Sub Total =	1.602	
IN FOREST AREA FOR PERMANENT STRUCTURE							
Jack well cum pump house					925	0.093	FOREST AREA
Electrical Sub-station					500	0.050	FOREST AREA
					Sub Total =	0.143	
					Total forest area =	1.745	

INDEX

- ▭ AARESS IRON & STEEL LIMITED & MSPL LIMITED
- P1 - - - P21 PROPOSED POWER TRANSMISSION LINE - AISL & MSPL
- P22 — P49 PROPOSED WATER LINE ROUTE IN FOREST - AISL & MSPL
- P50 — P64 PROPOSED WATER LINE ROUTE IN REVENUE - AISL & MSPL
- PUMP HOUSE
- SUB-STATION
- RESERVOIR (AISL)
- ▨ FACTORY AND BUILDINGS
- ROADS
- — VILLAGE BOUNDARY

0m 100 200 300 400 500 600 700 800m

GPS READINGS FROM INTAKE POINT TO FOREST BOUNDARY (FOREST) WATER PIPE LINE ALIGNMENT

Grid : Lat/Lon hddd° mm' ss.s" Datum : WGS 84			
PARTICLUAR	LATITUDE	LONGITUDE	REMARKS
P1	15°16'46.74"N	76°19'4.29"E	Source of Power
P2	15°16'48.3"N	76°19'02.7"E	
P3	15°16'49.6"N	76°19'01.8"E	
P4	15°16'50.8"N	76°19'01.2"E	
P5	15°16'51.8"N	76°19'00.3"E	
P6	15°16'52.6"N	76°18'59.7"E	
P7	15°16'54.0"N	76°18'59.1"E	
P8	15°16'56.2"N	76°18'57.9"E	
P9	15°16'58.2"N	76°18'56.4"E	
P10	15°16'59.8"N	76°18'55.3"E	
P11	15°17'01.1"N	76°18'54.7"E	
P12	15°17'02.4"N	76°18'54.3"E	
P13	15°17'02.8"N	76°18'54.3"E	
P14	15°17'03.9"N	76°18'54.3"E	
P15	15°17'05.1"N	76°18'54.4"E	
P16	15°17'07.8"N	76°18'54.6"E	
P17	15°17'10.9"N	76°18'54.5"E	
P18	15°17'15.3"N	76°18'53.2"E	
P19	15°17'16.5"N	76°18'53.0"E	
P20	15°17'19.9"N	76°18'51.2"E	
P21	15°17'22.3"N	76°18'49.9"E	
SUB-STATION	15°17'22.56"N	76°18'48.77"E	
PUMP HOUSE	15°17'23.07"N	76°18'48.08"E	
P22	15°17'23.35"N	76°18'48.72"E	
P23	15°17'25.15"N	76°18'47.05"E	
P24	15°17'26.07"N	76°18'45.92"E	
P25	5°17'27.04"N	76°18'44.46"E	
P26	15°17'28.26"N	76°18'41.77"E	
P27	15°17'28.79"N	76°18'39.86"E	
P28	15°17'29.67"N	76°18'36.87"E	
P29	15°17'32.56"N	76°18'32.23"E	
P30	15°17'33.59"N	76°18'30.77"E	
P31	15°17'35.21"N	76°18'29.21"E	
P32	15°17'38.23"N	76°18'27.04"E	
P33	15°17'41.19"N	76°18'25.30"E	
P34	15°17'42.48"N	76°18'24.35"E	
P35	15°17'45.52"N	76°18'21.35"E	
P36	15°17'47.03"N	76°18'19.80"E	
P37	15°17'47.78"N	76°18'19.02"E	
P38	15°17'48.70"N	76°18'18.01"E	
P39	15°17'50.61"N	76°18'15.90"E	
P40	15°17'53.14"N	76°18'13.34"E	
P41	15°17'56.67"N	76°18'10.77"E	
P42	15°18'0.87"N	76°18'8.21"E	
P43	15°18'4.00"N	76°18'7.73"E	NEAR NEEM TREE
P44	15°18'3.81"N	76°18'5.24"E	ROAD JUCTION OF HOSAHALLI
P45	15°18'3.95"N	76°18'4.16"E	
P46	15°18'4.30"N	76°18'3.13"E	
P47	15°18'6.36"N	76°17'58.42"E	
P48	15°18'7.93"N	76°17'54.83"E	
P49	15°18'8.99"N	76°17'52.27"E	FOREST BOUNDARY

GPS READINGS FROM FOREST BOUNDARY TO AISL & MSPL IMPOUNDING RESERVOIR (NON - FOREST) WATER PIPE LINE ALIGNMENT

Grid : Lat/Lon hddd° mm' ss.s" Datum : WGS 84			
PARTICLUAR	LATITUDE	LONGITUDE	REMARKS
P50	15°18'10.43"N	76°17'48.51"E	
P51	15°17'56.76"N	76°16'22.28"E	
P52	15°18'7.70"N	76°16'21.17"E	
P53	15°18'4.49"N	76°16'11.09"E	
P54	15°18'2.87"N	76°16'9.10"E	VILLAGE HIREKASANAKANDI
P55	15°18'25.71"N	76°15'48.87"E	
P56	15°18'51.87"N	76°15'2.36"E	
P57	15°18'52.21"N	76°14'37.98"E	ROAD JUCTION OF HIREBAGANAL
P58	15°19'18.98"N	76°14'37.51"E	
P59	15°19'22.41"N	76°13'48.58"E	
P60	15°19'16.84"N	76°13'43.19"E	
P61	15°19'13.10"N	76°13'19.97"E	
P62	15°19'39.64"N	76°13'11.39"E	
P63	15°20'33.89"N	76°13'13.83"E	
P64	15°20'33.76"N	76°13'3.61"E	AISL RESERVOIR

PUMP HOUSE DETAILS

SI NO	CO-ORDINATES	
	LATITUDE	LONGITUDE
a	15°17'23.28"N	76°18'49.62"E
b	15°17'23.41"N	76°18'48.63"E
c	15°17'23.64"N	76°18'48.17"E
d	15°17'23.18"N	76°18'47.94"E
e	15°17'22.37"N	76°18'48.79"E

SUB-STATION DETAILS

SI NO	CO-ORDINATES	
	LATITUDE	LONGITUDE
e	15°17'22.37"N	76°18'48.79"E
f	15°17'21.98"N	76°18'49.23"E
g	15°17'22.28"N	76°18'49.61"E
a	15°17'23.28"N	76°18'49.62"E

BALANCING RESERVIOR CO-ORDINATES

SI NO	LATITUDE	LONGITUDE
1	15°20'33.89"N	76°13'13.87"E
2	15°20'32.96"N	76°12'49.04"E
3	15°20'43.45"N	76°12'49.33"E
4	15°20'43.79"N	76°13'13.30"E

INTAKE PIPE DETAILS

SI NO	DETAILS	
1	LENGTH -1500 M	
2	START POINT CO-ORDINATE	
	LATITUDE	LONGITUDE
	15°17'22.37"N	76°18'48.73"E

GPS READINS OF AISL & MSPL AREA

Grid:Lat/Lon hddd°mm'ss.s" Datum:WGS 84		
DETAILS	LATITUDE	LONGITUDE
NE	N15° 20' 48.6"	E76° 13' 15.3"
NW	N15° 20' 48.8"	E76° 12' 11.4"
SE	N15° 19' 36.0"	E76° 13' 14.4"
SW	N15° 19' 35.8"	E76° 12' 11.7"
1	N15° 20' 48.7"	E76° 12' 26.2"
2	N15° 20' 54.3"	E76° 12' 28.0"
3	N15° 20' 53.8"	E76° 13' 02.6"
4	N15° 20' 48.6"	E76° 13' 02.1"

CLIENT:
KARNATAKA NIRAVARY NIGAMA LIMITED
(A Government of Karnataka Undertaking)
BANGALORE

NAME OF WORK:
OPTION-II RS MAP (REVISED & PROPOSED DRAWING FOR APPROVAL)

CONTRACTOR:
AARESS Iron & Steel Limited
Baldota Enclave, Adheraj Baldota road, Hospet,
Karnataka India - 583203,
Office : +91-8394232002, 232003
BALADOTA

TITLE :
RS MAP

MSPL

Executive Engineer,KNNL

Superintending Engineer
KNNL Tungabhadra Project circle,
MUNIRABAD

Chief Engineer,KNNL
KNNL Irrigation Project Zone,
MUNIRABD

KNNL- -2021

DRAWN: PRASAD

SCALE-1 : 7920

THIS DRAWING IS THE PROPERTY OF SHPRAMA CONSULTING ENGINEERS Pvt. Ltd. IT SHOULD NOT BE USED COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

FOR AARESS IRON AND STEEL LIMITED

AUTHORISED SIGNATORY