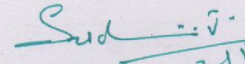


Area wise Forest Statement

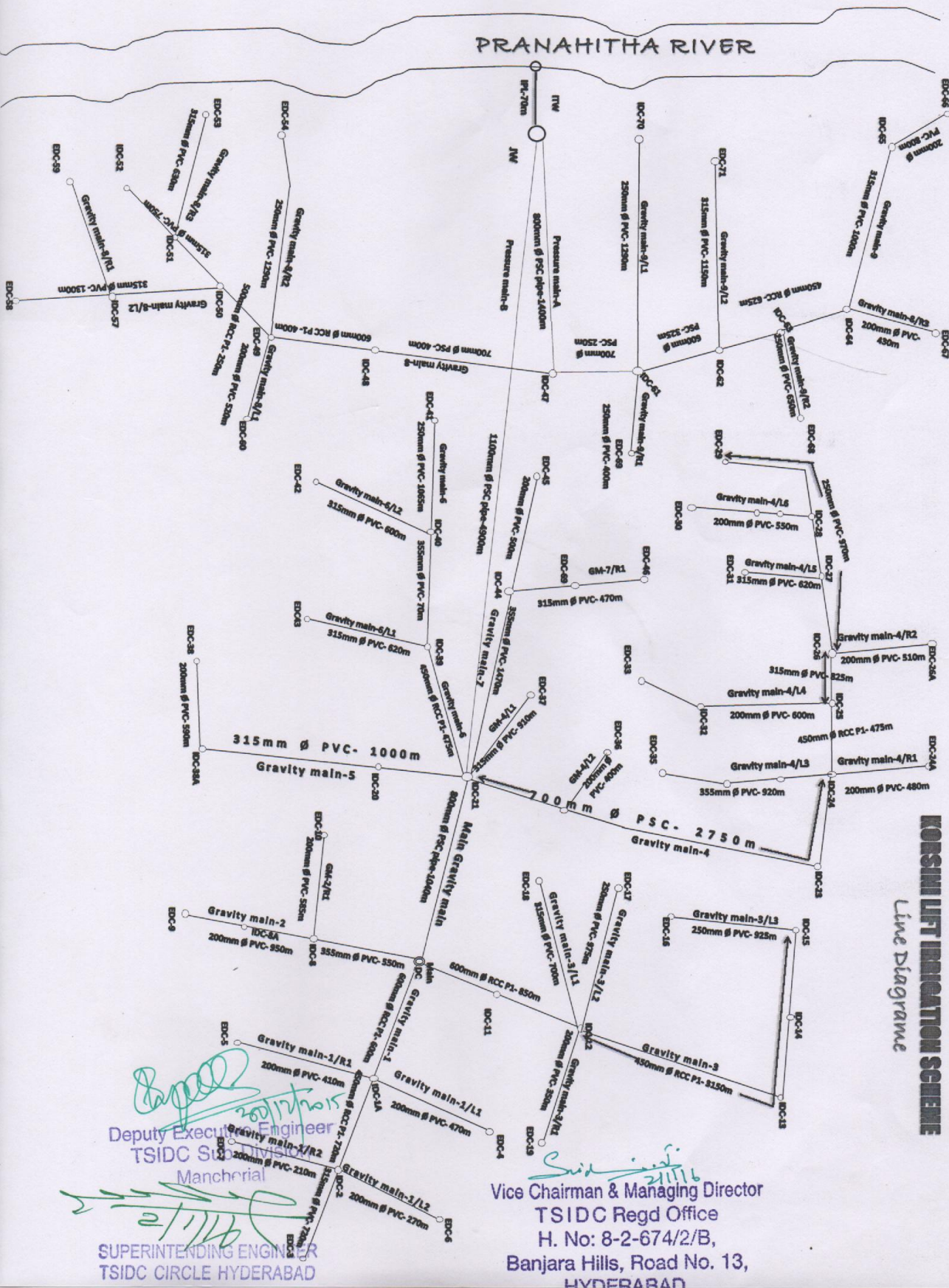
S.No	Division	Range	Block	Section	Beat	Compt.No	Area in Ha.
1	Kagaznagar	Karjelli	Gudem	Ankoda	Ankoda	170	2.2110242
2	Kagaznagar	Karjelli	Gudem	Ankoda	Ankoda	169	0.4729105
3	Kagaznagar	Karjelli	Gudem	Ankoda	Gundlabori	168	0.3831960
						Total	3.0672


 20/12/2015
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 TSIDC Sub Division
 Mancherla


 21/11/16
 Vice Chairman & Managing Director
 TSIDC Regd Office
 H. No: 8-2-674/2/B,
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 2/1/16
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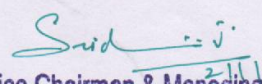
KORSINI LIFT IRRIGATION SCHEME
Line Diagramme



DIVERSION OF FOREST AREA FOR
KORSINI L I SCHEME OF TSIDC

Area calculations				
line no	length	width	area	
1	3158.606	7.00	22110.242	
2	945.821	5.00	4729.105	
3	766.392	5.00	3831.96	
	total area		30671.307	
		or	3.0672	hectares


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8	Justification	16	16
9	DPR of Project	17	20
10	Sailent Features of Project	21	22
11	Network Diagram of Project	23	

CHECK LIST

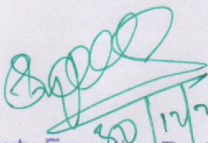
(Check list for the proposal for diversion of Forest lands for non-forestry purpose under the Forest Conservation Act, 1980 for Laying of main pipe lines on Pranahitha River near Korsini village in Kowtala mandal of Adilabad District for Minor Irrigation Project in Gudem RF Kagaz Nagar Division.

State S. No of the Project				
Date of receipt in Nodal Officer - PCCFs office:				
Name of the Project:		Laying of main pipe lines on Pranahitha River near Korsini village in Kowtala mandal of Adilabad District for Minor Irrigation Project in Gudem RF Kagaz Nagar Division.		
Area proposed for diversion, in Ha:		3.0672 Hectares		
Type of work: Earth work excavation Laying & jointing of pipe lines for Pressure main-B & Gravity main pipe lines		Construction of Korsini L.I. Scheme on Pranahitha River in Kowtala Mandal of Adilabad Dist.		
Name of Division:		Kagaz Nagar Division		
Whether area proposed falling in WLS / NP/ ESZ / Biosphere Reserve or WL Corridor?		No		
Sl. No.	Name of Document / Information	Provided or Not (Yes/No)	Page No.	Remarks
A	PART-I			
1	Main application Form from Part-I to V with all its columns duly filled up and signed by the competent authority with date, place and their official seal.	Yes		
2	Detailed note on the project	Yes		Brief note enclosed
3	Full justification for locating the project in forest area (un-avoidance of the forest area for the purpose)	Yes	1	Covered in PART-I item (iv)
4	Certificate for minimum use of forest land giving details of the alternatives examined and reasons for their rejection.	Yes		Covered in Brief note
5	Map of the project site forest area demanded on original Survey of India topo-sheet in 1:50,000 or any other suitable scale; clearly showing forest boundaries and adjoining areas with their land use in district colors.	Yes		
6	Index Map , if the area is very small, showing forest boundaries and a location map on a larger scale with land use of the area required.	Yes		


7	Geo-referenced digital data (e00 format, Geographic co-ordinate system WGS 84 datum, readings up to 8 decimal places in degrees) of the boundary/ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority.	Yes		
	* The survey shall be performed using DGPS in real-time or post-processed mode. However the survey may be performed using TS in GPS shadow area, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.			
8	Make & Model of the DGPS equipment used, Name/s of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.	Geo Max 25 Zenet, M/s Delta Consultancy on 09.11.2015		
9	Linear map or a diagrammatic map of the project site.	Yes		
10	Statement showing the details of forest area involved i.e. Division, Range, Beat, Forest Block & Compartment No. wise	Yes		
11	Item wise breakup of the forest area proposed for diversion, if any	No separate item involved proposal only for laying of pipe lines		
12	Cost Benefit (CB) analysis in prescribed format, wherever required. (For projects involving area of >20 Ha in plains & >5 Ha in hills)	Enclosed		
13	Status of clearance under Environment (Protection) Act, 1986 & Rules 2006; wherever required.	Not Applicable		
14	Detailed scheme for rehabilitation of project affected persons, wherever required.	Not Applicable		
15	Minimum distance of the proposed site from Wildlife Sanctuary and / or National Park, if any.	Will be furnished in consultation with DFO		
16	To show the existing Water body / Water channel or road, which should be identifiable.	Shown in the enclosed survey of India map		
17	To show the newly proposed bridge / culvert / underground pass / tunnel etc. to be identify clearly.	Shown		
18	To enclose the cross section Plan / Map indicating dimension of (Length / Width/ Height / depth etc) clearly.	Will be furnished at DFO level during process of proposal		
19	Undertaking to pay the Net Present Value (NPV), Addl. NPV of the forest land involved.	Yes		
20	Undertaking to pay the Extraction Charges of the trees to be removed from the forest land involved.	Yes		

21	Details of equivalent non-forest land identified for Compensatory Afforestation viz. Survey No. Village, Tahsil / Mandal District etc. along with map in SOI Topo-sheet in 1:50,000 or appropriate scale along with the boundaries of adjoining forest area.	Not Applicable		
22	Geo-referenced digital data (e00 format, Geographic co-ordinate system WGS 84 datum, readings up to 8 decimal places in degrees) of the boundary/ies of the proposed FL for diversion in Shape file (Soft copy in a DVD along with RAW & post-processed data) and digital map in hard copy duly authenticated by competent authority.	Enclosed		
	* The survey shall be performed using DGPS in real-time or post-processed mode. However the survey may be performed using TS in GPS shadow area, and data shall be duly geo-referenced using GCPs collected by dual frequency DGPS receivers.	Yes		
23	Make & Model of the DGPS equipment used, Name/s of the Agency/persons involved in the DGPS survey, period of survey, name of the authenticating agency for the accuracy of the survey.	Geo Max 25 Zenet, M/s Delta Consultancy on 09.11.2015		
24	Certificates a, c, d, g & h under RoFR Act,; where Primitive Tribal Groups (PTG) & Pre-Agricultural Communities (PAC) are involved in the proposed FL			
25	Soft copy of the complete proposal in soft copy in pdf format.	Yes		
B	PART-II			
1	Enumeration list of trees (species and girth class wise) along with Abstract.			
2	Site inspection report, along with photographs, of the forest area involved in the project in prescribed format.			
3	Impact of proposed project on the flora & fauna in the adjoining forests			
4	Impact of proposed project on the ecology, specially soil erosion in and around the proposed area for mining.			
5	Mitigative measures to prevent loss to flora, fauna & soil erosion in & around the proposed area for the project.			
6	Detailed scheme for Compensatory Afforestation on identified non-forest area/degraded forest area at present wage rates duly signed by DFO and counter signed by the CF concerned.			

7	Certificate from the DFO that non-forest land selected for compensatory afforestation is in a compact block and <u>contiguous to forest area</u> or in close proximity of forest area and suitable from the management and protection point of view.			
8	Soil Suitability Certificate from Divisional Forest Officer that the area identified for compensatory Afforestation is suitable for raising plantation.			
9	Calculation sheet for arriving at NVP of the proposed area for diversion.			
10	Certificate that no work has been carried out in violation of the FC-&WL act .			
a	If violated, circumstances leading to violation, date of commencement of work, quantity of work done and POR issued & dates inspection of the site of violation by FRO, Sub-DFO, DFO.			
b	Details of disciplinary action initiated or proposed to be initiated against the concerned staff for violation of the provisions of the Act.			
c	Names of the persons of the User Agency for violation & details of the report submitted.			
11	Specific Recommendation of the DFO			
C	PART III (To be filled in by the CF)			
1	Site inspection report , along with photographs, of the forest area involved in the project in prescribed format, when the area is more than 40 Ha in extent.	Not applicable		
2	Specific Recommendation of the CF			
3	Any other information/documents attached or conditions stipulated.			


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FORM - A

Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities

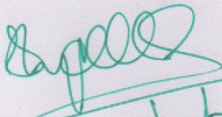
PART-I

(To be filled up by User Agency)

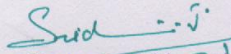
- 1 Project details: :
- (i) Short narrative of the proposal and project/scheme for which the forest land required .
- The farmers of Korsini, Gangapur, Ravindra Nagar & Burepally villages in Kowtala mandal of Adilabad district have represented to the Hon'ble MLA, Sirpur Assembly Constituency to provide lift irrigation scheme on Pranahitha river, as there is no source of water for irrigation of their lands and the farmers are raising only rain fed crops. Based on the representation of the Hon'ble MLA, the preliminary survey has been conducted and the Hydrological clearance was accorded for utilisation of 109 Mcft of water to irrigate an ayacut of 3995 Acres.
- : Hydrological clearance was accorded by Deputy Chief Engineer, Minor Irrigation Dept. Vide DCE/MI/379, Dt: 13.02.2013 to lift 109.0 Mcft of water for the scheme. The Korsini L.I. Scheme was sanctioned administratively vide G.O. Ms No. 113 dt: 31.12.2013 for an amount of Rs. 4215.89 Lakhs under RIDF-XIX of NABARD programme. The Technical sanction was accorded by the VC & MD Regd. office Hyderabad vide Proc. No. IDC/MD/Tech/RIDF/Korsini-I LIS/13-14/4055 dt: 06.01.2014. Execution of L.I. Scheme works were grounded and the following works are under progress where forest land is not affected:-
- 1) 3.0m dia RCC Intake well.
 - 2) 1400mm dia RCC NP3 class Intake pipe line to a length of 70 mts.
 - 3) 14 mt internal dia Jack well cum Pump House for accommodate 3 nos of 430 HP VT pumps & 2 nos of 200HP VT pumpsets.
 - 4) Pressure main-A is proposed with 800mm dia PSC pipes to a length of 1400mts for discharge of 23.53 cusecs water to irrigate an ayacut of 1365 acres.
 - 5) Pressure main-B is proposed with 1100mm dia PSC pipes to a length of 4900mts for discharge of 45.34 cusecs of water to irrigate an ayacut of 2630 acres.
 - 6) Gravity Mains and Sub-Gravity mains are proposed to irrigate the entire ayacut of 3995 acres .
- The following works to be grounded by crossing through forest lands for which forest clearance is required:-**
- 1) Pressure main-B is to be laid with 1100mm dia PSC pipes to a length of 3158.606 mts
 - 2) Gravity main-VII is to be laid with 355mm dia PVC pipes to a length of 945.821mts .
 - 3) Sub Gravity main-IV/L1 is to be laid with 315mm dia PVC pipes to a length of 766.392 mts

Details of Pipeline to be laid in Forest Area

Sl. No.	Name of pipe line	Size of pipe/class	Length in Metres	Width in Metres	Area in Sqm	Area in Hectares
1	Pressure main-B	1100mm dia PSC pipes	3158.606	7.00	22110.242	2.2110242
2	Gravity main-VII	355mm dia PVC pipes	945.821	5.00	4729.105	0.4729105
3	Sub Gravity main-IV/L1	315mm dia PVC pipes	766.392	5.00	3831.960	0.3831960
		TOTAL	4870.819			3.0671307
					Total	3.0672


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