Regional Office, Belagavi-2.
Karnataka State Pollution Control Board,
Plot No-3224/3, "Hanuman Nivas",
1st Floor, B K College Road, Chikodi,
Belagavi District-591201.
Ph No & Fax-08338-275112

towards a cleaner Karnataka.

No. KSPCB/RO(CKD)/PP/RRS/2017-18/2150 DATE:04/11/2017

To

The Member Secretary
Karnataka State Pollution Control Board
#49, 5th Floor, Parisar Bhavan,
Church Street, Bangalore
BANAGLORE.

"Kind Attn: Sri Mohankrishna, CEO-1"

Sir,

Sub: Proceedings of the public hearing of the proposed expansion of Co Generation Power Plant from 6 MW to 18 MW, by M/s. Roquette Ridhi Siddhi Pvt Ltd, Located at Sy. No. 250, 259, 260, 262, 471, 263 and 473, Gokak, Gokak-Taluk, Belagavi-District-reg.

Ref: 1. B C letter No.PCB/17Cet/419/RPI/2017-18/3433, Dated: 20-09-2017
2. Public Hearing Conducted of 23/10/2017

####

With reference to the matter cited above, proceedings both in English and Kannada of the public hearing of the proposed expansion of Co- Generation Power Plant from 6 MW to 18 MW, by M/s. Roquette Ridhi Siddhi Pvt Ltd, Located at Sy. No. 250, 259, 260, 262, 471, 263 and 473, Gokak, Gokak-Taluk, Belagavi-District, held on 23-10-2017 has been submitted along with following documents for necessary information and further action.

1. Two sets of CD's & Photographs.
2. Two sets of power point presentation made by project proponents in public hearing.
3. Two sets photocopy of the attendance register.

This is submitted for your kind information and further needful.

Yours faithfully

Environmental Officer

Proceeding of the Public Hearing of proposed expansion/ modernization of the existing M/s. Roquette Riddhi Siddhi Pvt Ltd, Located at Sy. No. 250, 259, 260, 262, 471, 263 and 473, Gokak and Gokak Taluk, Belagavi District, Karnataka State have proposed expansion of Co- Generation Power Plant from 6 MW to 18 MW, In this regard Public Hearing is conducted on 23.10.2017 at 12.30 pm.

Date : 23-10-2017.

Time : 12.30 PM

Venue : Roquette Riddhi Siddhi Pvt Ltd, Located at Sy. No. 250, 259, 260, 262, 471, 263 and 473, Gokak and Gokak Taluk Belagavi District, Karnataka State.

M/s. Roquette Riddhi Siddhi Pvt Ltd, has proposed to expand (Development/ modernization) the existing M/s. Roquette Riddhi Siddhi Pvt Ltd, Located at Sy. No. 250, 259, 260, 262, 471, 263 and 473, Gokak and Gokak Taluk, Belagavi District, Karnataka State have proposed expansion of Co-Generation Power Plant from 6 MW to 18 MW, In this regard Public Hearing conducted under the chairmanship of Additional Deputy Commissioner and Additional District Magistrate, Belagavi on 23.10.2017 at 12.30 PM. The Proceedings of the public hearing is as under:

Place	:	M/s. Roquette Riddhi Siddhi Pvt Ltd, Located at Sy. No. 250, 259, 260, 262, 471, 263 and 473, Gokak and Gokak Taluk, Belagavi District, Karnataka State
Name of the Officers Present	:	Annexure - 1
Representatives of the Project Present	:	Annexure - 2
Details of Public Participated	:	Annexure – 3
Details of awareness conducted for public hearing	:	Annexure – 4
Written Views submitted by the public	:	Annexure - 5
Power Point Presentation Made in the Public hearing	:	Annexure - 6

Jagadeesh I. H. requested to the Additional Deputy Commissioner and Additional District Magistrate and also the Presiding officer of the Environment Public Hearing meeting to start the proceedings. Later instructed the industry representative and their consultants to make the presentation about the expansion project of Roquette Riddhi Siddhi Pvt. Ltd., to the public.

Environment Consultant M/s. Pioneer Enviro Laboratories and consultant Pvt. Ltd., explained about the environment impacts and mitigation measures recommended for the proposed expansion and modernization project of the Roquette Riddhi Siddhi Pvt Ltd. The copy of the power point presentation is also enclosed with the proceedings vide **Annexure–6.**

The views expressed by the public and replies given by the industry representative and consultants during the public hearing are as follows:

1. **Kadappa. Durgappa. Mestri: Resident of Gokak.**
   He expressed that in the past (10years) there was a objectionable smell around the premises. Recently Roquette Industry has initiated to mitigate the intensity of smell by innovative approaches and the smell is remarkably reduced. By the existence of this company around 3,000 people directly and 30,000 people indirectly benefited and maintaining their livelihood. He requested industry to provide electricity to the Gokak city under expansion project.

2. **Yallappa. Halappa. Sannanayak. Resident of Gokak falls.**
   He expressed that as prime minster brought Swatch Bharath Andolan and in the same way the company has adopted best environmental practices. The company has made mass medical eye check-up campaign in Urdu Primary school, Naka no.1 Gokak and company has provided spectacles to the stucents who are deficient eyesight's and appreciated the same. Further company has provided nutrients for the kids suffering from tuberculosis under CSR activities. Company has provided clean drinking water facilities in kanagaon, Kolavi, Shindikurbet and Maradimath. He wish the industry to continue the social service in the interest of public and workers in near future also.

3. **V Sunanda Reddy : Resident of Nalanda Dist, Telangana**
   I am the first Environmentalist in India to support industries. Generally Environmentalist opposes industries, but I support the Industries.
   He expressed his concern for the employment and environment. I visited various states in India and attended Public Hearings for supporting industries. He requested company authorities to explore rain water harvesting and to make arrangements to store rain water. He suggested to conduct industrial skill development trainings and

6. **Sunil Bhagat : Resident of Gokak**

Roquette company is backbone of Gokak. After the installation of this project will provide direct labor & indirect labor employment. He expressed that the company has made an attempt to eradicate poverty. He opined that company has spent sufficient budget to develop greenery and for many social activities.

7. **Udaykumar Patil: Resident and Farmer of Konnur village.**

He expressed, I am farmer & this company has helped the society. The company has installed sufficient Solar Lamps across the streets, which has helped the public and the company has renovated nearby Government Schools by providing basic amenities. By the existence of this industry around 3000 employees are working in this industry and indirectly 9000 people maintaining their livelyhood including family members, transporters and many others and is helping as like a mother.

8. **MadhuBabu : Telangana Resident.**

He expressed that the baseline data collected by the consultants (Air ambient, water and soil samples) within 10Km of surrounding area are within the norms of PCB. Please collect crop production details from near agriculture land. He suggested improve rain water harvesting schemes within premises to improve the ground water levels and it will compensate the deficiencies of water in Ghataprabha river during summer. Further suggested to improve the green belt to 50% and to plant (fruit and medicinal) trees in nearby villages and along road sides. Employment preference has to be given to the local people and give good drinking water and education facilities to the villagers.

He requested to form coordination committee to implement CSR activities. He requested public hearing panel committee to recommend to MoEF to issue permission.

9. **Niyaz Desai : Resident of Gokak.**

He expressed the concern for Ozone layer protection. The responsibility of handing over the good environment to the future generation is lies with us and the company is also working towards the same. He expressed the best practices and the RO technologies adopted in the company for reuse of about 80% of waste water in the process. The company is also thinking about the future generation.

And he requested to the company authorities to improve the solar energy systems. The company has developed remarkable greenbelt in the premises to compensate greenhouse gases. He welcomed the project for many indirect benefits for the society.

When I expressed my concern regarding Ghataprabha Bird Sanctuary and its environment impact, the company authorities and consultants clarified that, since the proposed unit proposes 73 mts height chimney to boiler & wind is not in that direction is surrounded by natural hillocks and survey study says that, the wind direction is not towards Ghataprabha Bird Sanctuary. In spite company is already proposed various Bio-diversity and wild life conservation plans to sustain Ghataprabha Bird Sanctuary.

Since the Gokak is surrounded by many tourist places, I request company authorities, to improve tourism locations, natural beauties in near future.
I wish the proposed project of the company will improve and develop the company, locality and surrounding tourism places and prosperity of the society.

The Additional Deputy Commissioner & Additional District Magistrate expressed that some of the assembled persons have expressed their objections and opinion, views about impact on environment. The proceedings of the meeting were recorded and the same will be sent to MoEF through KSPCB.

The Hearing concluded with vote of thanks.

(Dr. Suresh Itnal K.A.S)
Additional Deputy Commissioner &
Additional District Magistrate
Environmental Public Hearing
President

ಮೆ. ರಾಕೆಟ್ ರಿದ್ಧಿ ಸಿದ್ಧಿ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್, ಕಂಪನಿಯವರು ಬೆಳಗಾವಿ ಜಿಲ್ಲೆಯ, ಗೋಕಾಕ ತಾಲ್ಲೂಕು, ಸರ್ವೆ ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 473 ರಲ್ಲಿ ಸ್ಥಾಪಿತಗೊಂಡಿರುವ ಕೈಗಾರಿಕೆಯ ಸೌರವಿದ್ಯುತ್ ಘಟಕದ ಸಾಮರ್ಥ್ಯವನ್ನು 6 ಮೆಗಾ ವ್ಯಾಟ್ ನಿಂದ 18 ಮೆಗಾ ವ್ಯಾಟ್‌ಗೆ ಹೆಚ್ಚಿಸಲು ಉದ್ದೇಶಿಸಿರುತ್ತಾರೆ. ಇದರ ಪ್ರಯುಕ್ತ ಸಾರ್ವಜನಿಕ ಪರಿಸರ ಕುರಿತು ಆಲಿಕೆಯ ಸಭೆ. ಈ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ವಿಸ್ತರಣೆಯ ಅನ್ವೇಲಿಯಲ್ಲಿ ನಡೆದ ಸಾರ್ವಜನಿಕ ಪರಿಸರ ಕುರಿತು ಆಲಿಕೆ ಸಭೆಯ ನಡುವಳಿಕೆಗಳು.

ದಿನಾಂಕ : 23–10–2017.

ವೇಳೆ : ಬೆಳಿಗ್ಗೆ 12.30 ಘಂಟೆಗೆ.

ಸ್ಥಳ : ರಾಕೆಟ್ ರಿದ್ಧಿ ಸಿದ್ಧಿ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್, ಗೋಕಾಕ ಫಾಲ್ಸ್ ರೋಡ, ಗೋಕಾಕ ಸರ್ವೆ ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 473 ರಲ್ಲಿ ಗೋಕಾಕ ತಾಲ್ಲೂಕು, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ.

ಮೆ. ರಾಕೆಟ್ ರಿದ್ಧಿ ಸಿದ್ಧಿ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್, ಕಂಪನಿಯವರು ಬೆಳಗಾವಿ ಜಿಲ್ಲೆಯ, ಗೋಕಾಕ ತಾಲ್ಲೂಕು, ಸರ್ವೆ ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 473 ರಲ್ಲಿ ಸ್ಥಾಪಿತಗೊಂಡಿರುವ ಕೈಗಾರಿಕೆಯ ಸೌರವಿದ್ಯುತ್ ಘಟಕದ ಸಾಮರ್ಥ್ಯವನ್ನು 6 ಮೆಗಾ ವ್ಯಾಟ್ ನಿಂದ 18 ಮೆಗಾ ವ್ಯಾಟ್‌ಗೆ ಹೆಚ್ಚಿಸಲು ಉದ್ದೇಶಿಸಿರುತ್ತಾರೆ. ಈ ಬಗ್ಗೆ ದಿನಾಂಕ: 23–10–2017 ರಂದು ಅಥರ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು ಮತ್ತು ಆಪರ ಜಿಲ್ಲಾ ದಂಡಾಧಿಕಾರಿಗಳು, ಬೆಳಗಾವಿ ಇವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ಬೆಳಿಗ್ಗೆ 12.30 ಘಂಟೆಗೆ ಯೋಜನೆಯ ಸ್ಥಳದಲ್ಲಿ ನಡೆಸಿದ ಸಾರ್ವಜನಿಕ ಪರಿಸರ ಕುರಿತು ಆಲಿಕೆ ಸಭೆಯ ನಡುವಳಿಕೆಗಳು.

ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಸಭೆ ನಡೆದ ಸ್ಥಳ	:	ರಾಕೆಟ್ ರಿದ್ಧಿ ಸಿದ್ಧಿ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್, ಗೋಕಾಕ ಫಾಲ್ಸ್ ರೋಡ, ಗೋಕಾಕ ತಾಲ್ಲೂಕು ಮತ್ತು ನಗರ, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ.
ಹಾಜರಿದ್ದ ಅಧಿಕಾರಿಗಳ ವಿವರ	:	ಅನುಬಂಧ–1
ಯೋಜನೆಯ ಪರವಾಗಿ ಹಾಜರಿದ್ದ ಪ್ರತಿನಿಧಿಗಳ ವಿವರ	:	ಅನುಬಂಧ–2
ಭಾಗವಹಿಸಿದಂತಹ ಸಾರ್ವಜನಿಕರ ವಿವರ	:	ಅನುಬಂಧ–3
ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಸಭೆಯ ಬಗ್ಗೆ ಜಾಗೃತಿ ಮೂಡಿಸಲು ಹಮ್ಮಿಕೊಂಡ ವಿವರ	:	ಅನುಬಂಧ–4
ಸಾರ್ವಜನಿಕರು ಲಿಖಿತ ರೂಪದಲ್ಲಿ ಸಲ್ಲಿಸಿದ ಅಹವಾಲುಗಳು	:	ಅನುಬಂಧ–5
ಸಭೆಯಲ್ಲಿ ಮಂಡಿಸಿದ ತಕ್ತಿ ಐಂಮು ಪ್ರದರ್ಶನದ ಪ್ರತಿ	:	ಅನುಬಂಧ–6

ಕಛೇರಿಗಳಲ್ಲಿ (ಅದು ಕಛೇರಿಗಳು) ಇಡಲಾಗಿತ್ತು ಎಂದು ತಿಳಿಸಿದರು. ಮುಂದಿನ ಸಭೆಯನ್ನು ಅವರ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು ಹಾಗೂ ಅವರ ಜಿಲ್ಲಾ ದಂಡಾಧಿಕಾರಿಗಳು, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ, ಬೆಳಗಾವಿ ಇವರಿಗೆ ತಮ್ಮ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ನಡೆಸಿಕೊಡಲು ನಿಗದಿಪಡಿಸಿಕೊಂಡರು. ಸದರಿ ಯೋಜನೆಯ ಕಾರ್ಯಚಟುವಟಿಕೆಗಳ ಬಗ್ಗೆ ಮತ್ತು ಅಳವಡಿಸಬಹುದಾದಂತಹ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಕ್ರಮಗಳ ಬಗ್ಗೆ ವಿವರವಾದ ವರದಿಯನ್ನು ಸಾರ್ವಜನಿಕರಿಗೆ ತಿಳಿಸುವಂತೆ ಯೋಜನೆಯ ಪ್ರತಿನಿಧಿಗಳಿಗೆ ಸೂಚಿಸಿದರು.

ಸದರಿ ಯೋಜನೆಯ ಪ್ರತಿನಿಧಿಗಳು ಮತ್ತು ಯೋಜನೆಯ ಸಲಹೆಗಾರರಾದ ಮೆ। ಪೊಯನೀರ್ ಎನ್ವಿರೊ ಟ್ಯಾಸೊರಟರೀಸ್ ಮತ್ತು ಕನ್ಸಲ್ಟಂಟ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್‌ನವರು ಯೋಜನೆಯ ಹಾಗೂ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳ ಬಗ್ಗೆ ವಿವರಗಳನ್ನು ಕಕ್ಕಿ ಬಿಂದು ಪ್ರದರ್ಶನದಲ್ಲಿ ಸಭೆಗೆ ತಿಳಿಸಿದರು. ಸದರಿ ವಿವರಗಳನ್ನು ಅನುಬಂಧ-6 ರಲ್ಲಿ ಲಗತ್ತಿಸಲಾಗಿದೆ.

ಸಾರ್ವಜನಿಕರು ವ್ಯಕ್ತಪಡಿಸಿದ ಅನಿಸಿಕೆಗಳು ಮತ್ತು ಕೈಗಾರಿಕೆ ಪ್ರತಿನಿಧಿಗಳು ನೀಡಿದ ಉತ್ತರಗಳು ಈ ಕೆಳಗಿನಂತಿವೆ.

1. ಸಾಡಪ್ಪ ದುರ್ಗಪ್ಪ ಮೆಸ್ತ: ಗೋಕಾಕ ನಿವಾಸಿ
   10 ವರ್ಷಗಳ ಹಿಂದೆ ಸದರಿ ಕಾರ್ಖಾನೆಯು ಆವರಣದಲ್ಲಿ ಬಿಸ್ಸಿನಲ್ಲಿ ಪ್ರಯಾಣಿಸುವಾಗ ಆಕ್ಷೇಪಾರ್ಹವಾದ ವಾಸನೆ ಅನುಭವವಾಗುತ್ತಿತ್ತು, ಇತ್ತೀಚಿಗೆ ರಾಕೆಟ್ ಕಂಪನಿಯು ನವೀನ ವಿಧಾನಗಳ ಮೂಲಕ ವಾಸನೆಯ ತೀವ್ರತೆಯನ್ನು ತಗ್ಗಿಸಲು ಪ್ರಾರಂಭಿಸಿದೆ ಮತ್ತು ವಾಸನೆ ಗಮನಾರ್ಹವಾಗಿ ಕಡಿಮೆಯಾಗಿದೆ ಎಂದು ಅವರು ವ್ಯಕ್ತಪಡಿಸಿದರು. ಈ ಕಂಪನಿಯು ಆಸ್ಪತ್ರೆದಲ್ಲಿರುವದರಿಂದ ಸುಮಾರು 3,000 ಜನ ನೇರವಾಗಿ ಮತ್ತು 30,000 ಜನಪರೋಕ್ಷವಾಗಿ ತಮ್ಮ ಜೀವನೋಪಾಯವನ್ನು ನಿರ್ವಹಿಸುತ್ತಿದ್ದಾರೆ. ಉದ್ದಿಮೆಯಲ್ಲಿ ಉತ್ಪತ್ತಿಯಾಗುವ ವಿದ್ಯುಚ್ಛಕ್ತಿಯನ್ನು ಗೋಕಾಕ ನಗರಕ್ಕೆ ಪೂರೈಸಲಿ ಎಂದರು.

2. **ಯಲ್ಲಪ್ಪಾ ಪಾಲ್ಲಪ್ಪಾ ಸಣ್ಣ ನಾಯಕ : ಗೋಕಾಕ ಫಾಲ್ಸ್ ನಿವಾಸಿ**
   ಮಾನ್ಯ ಪ್ರಧಾನಮಂತ್ರಿಯವರು ಸ್ವಚ್ಛಭಾರತ ಅಂದೋಲನ ಜಾರಿಗೆ ತಂದಂತೆ, ಈ ಕಂಪನಿಯವರೂ ಪರಿಸರ ಬಗ್ಗೆ ಒತ್ತು ನೀಡಿ ಸುಧಾರಣೆ ತಂದಿದ್ದಾರೆ. ಕಂಪನಿಯು ಉರ್ದು ಪ್ರಾಥಮಿಕ ಶಾಲೆ, ಗೋಕಾಕನಲ್ಲಿ ಸಾಮೂಹಿಕ ವೈದ್ಯಕೀಯ ಕಣ್ಣಿನ ಪರೀಕ್ಷಾ ಕಾರ್ಯಕ್ರಮವನ್ನು ಮಾಡಿದೆ ಮತ್ತು ಕಂಪನಿಯು ಕಡಿಮೆ ದೃಷ್ಟಿ ಹೊಂದಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಉಚಿತ ಕನ್ನಡಕವನ್ನು ಒದಗಿಸಿದೆ ಎಂದು ಅವರು ಮೆಚ್ಚುಗೆ ವ್ಯಕ್ತಪಡಿಸಿದರು. ಸಿಎಸ್‌ಆರ್ ಚಟುವಟಿಕೆಗಳ ಅಡಿಯಲ್ಲಿ ಕ್ಷಯದಿಂದ ಬಳಲುತ್ತಿರುವ ಮಕ್ಕಳಿಗಾಗಿ ಉಚಿತ ಔಷಧಗಳನ್ನು, ಪೋಷಾಂಶಗಳನ್ನು ನೀಡಿದ್ದಾರೆ. ಕಂಪನಿಯು ಖನಗಾಂವ, ಕೊಳವಿ, ತಿಂಥಿ ಕುರುಬೆಟ್ ಮತ್ತು ಮರಡಿಮಠ ಗಳಲ್ಲಿ ಶುದ್ಧ ಕುಡಿಯುವ ನೀರಿನ ಸ್ಥಾವರ್ಥಿ ಸಿಗಿಸಿದೆ. ಭವಿಷ್ಯದಲ್ಲಿ ಸಾರ್ವಜನಿಕರ ದೃಷ್ಟಿಯಿಂದ ಈ ಸಾಮಾಜಿಕ ಸೇವೆ ಮುಂದುವರೆಯ ಬೇಕೆಂದು ಅವರು ಆಶಿಸಿದರು.

3. **ವಿ. ಸುಬ್ಬಾರಾವ್ ರೆಡ್ಡಿ: ನಳಂದ ಜಿಲ್ಲೆ, ತೆಲಂಗಾಣ ನಿವಾಸಿ**
   ನಾವು ಭಾರತ ದೇಶದಲ್ಲಿಯೇ ಉದ್ದಿಮೆಗಳನ್ನು ಪ್ರೋತ್ಸಾಹಿಸುವ ಮೊದಲ ಪರಿಸರವಾದಿ. ಸಾಮಾನ್ಯವಾಗಿ ಪರಿಸರವಾದಿಗಳು ಕೈಗಾರಿಕೆಯನ್ನು ವಿರೋಧಿಸುತ್ತಾರೆ. ಆದರೆ ನಾವು ಕೈಗಾರಿಕೆಗಳ ಪೋಷಕ. ಅವರು ಉದ್ಯೋಗ ಮತ್ತು ಪರಿಸರ ರಕ್ಷಣೆಗಾಗಿ ಅವರ ಅಲೋಚನೆಗಳನ್ನು ವ್ಯಕ್ತಪಡಿಸಿದರು. ಉದ್ಯಮಿಗಳನ್ನು ಪ್ರೋತ್ಸಾಹಿಸಲು ಬೇರೆ ಬೇರೆ ರಾಜ್ಯಗಳಿಗೆ ಭೇಟಿ ನೀಡಿ ಸಾರ್ವಜನಿಕ ಆಲಿಕೆಯ ಸಭೆಯಲ್ಲಿ ಭಾಗವಹಿಸುವದಾಗಿ ತಿಳಿಸಿದರು. ಅವರು ಜಾಗೃತಿಯಾತರಿಗೆ ವಿನಂತಿಸುತ್ತ, ಉದ್ದಿಮೆ ಆವರಣದಲ್ಲಿ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಯೋಜನೆಗಳನ್ನು ಸುಧಾರಿಸಲು ಸಲಹೆ ನೀಡಿದರು ಮತ್ತು ಮಳೆ ನೀರನ್ನು ಶೇಖರಿಸಲು ವ್ಯವಸ್ಥೆಗಳನ್ನು ರೂಪಿಸಲು ಸಲಹೆ ನೀಡಿದರು. ಸ್ಥಳೀಯರಿಗೆ ಉದ್ಯೋಗಾವಕಾಶ, ಕೈಗಾರಿಕೆ ಕೌಶಲ್ಯ ಅಭಿವೃದ್ಧಿ ತರಬೇತಿಗಳನ್ನು ಜಪಾನ

6. ಸುನಿಲ್ ಭಗತ್: ಗೋಕಾಕ ನಿವಾಸಿ

ರಾಕೆಟ್ ಕಂಪನಿಯು ಗೋಕಾಕನ ಬೆನ್ನೆಲುಬಾಗಿದೆ. ಬಜೆತನ ನಿರ್ಮೂಲನೆ ಮಾಡುವ ಪ್ರಯತ್ನವನ್ನು ಕಂಪನಿಯು ಮಾಡಿದೆ. ಹಸಿರು ಪಟ್ಟಿಯನ್ನು ಅಭಿವೃದ್ಧಿ ಪಡಿಸಲು ಮತ್ತು ಅನೇಕ ಸಾಮಾಜಿಕ ಚಟುವಟಿಕೆಗಳಿಗೆ ಕಂಪನಿಯ ಸಾಕಷ್ಟು ಹಣ ನಿಚ್ಚೆ ಮಾತಿದೆ ಎಂದು ಅವರು ಅಭಿಪ್ರಾಯ ವ್ಯಕ್ತಪಡಿಸಿದರು. ಪ್ರಸ್ತಾವಿತ ಯೋಜನೆಯು ರಾಜ್ಯದ ನಿಮ್ಮೆತ್ ಕೊರತೆಯನ್ನು ನೀಗಿಸಬಹುದು.

7. ಉದಯಕುಮಾರ ಜುಟೇಲ್, ರೈತರು, ಹೊಣ್ಣೂರ ನಿವಾಸಿ.

ನಾನು ಒಬ್ಬ ರೈತಿಕ. ಈ ಕಂಪನಿಯು ನಮಗೆ ತಾಯಿಯ ಸಮಾನ. ಕಂಪನಿಯ ಸಾಕಷ್ಟು ಸೌರ್ಯ ದೀಪಗಳನ್ನು ಬೀದಿಗಳಲ್ಲಿ ಸ್ಥಾಪಿಸಿದೆ. ಇದು ಸಾರ್ವಜನಿಕರಿಗೆ ಸಹಾಯವಾಗಿದೆ ಮತ್ತು ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳನ್ನು ಒದಗಿಸುವ ಮೂಲಕ ಕಂಪನಿಯು ಹತ್ತಿರದ ಸರ್ಕಾರಿ ಶಾಲೆಗಳನ್ನು ನವೀಕರಿಸಿದೆ.

8. ಮಧು ಜಾಟು: ತೆಲಂಗಾಣ ನಿವಾಸಿ

ಅವರು ಕಂಪನಿಯ ಸಲಹೆಗಾರರು ಹತ್ತು ಕಿಲೋ ಮೀಟರ್ ಸುತ್ತಳತೆಯ ಪ್ರದೇಶದಲ್ಲಿ ಗಾಳಿ, ನೀರು ಮತ್ತು ಮಣ್ಣಿನ ಮಾದರಿಗಳನ್ನು ಸಂಗ್ರಹಿಸಿ ವಿಶ್ಲೇಷಣೆ ಮಾಡಿ, ನಿಗದಿತ ಮಟ್ಟದಲ್ಲಿ ಇರುವುದನ್ನು ತಿಳಿಸಿರುತ್ತಾರೆ. ದಯವಿಟ್ಟು ಬೆಳಗಳ ಉತ್ಪಾದನೆಗಳ ಮಾಹಿತಿಯನ್ನು ಹತ್ತಿರಿಡುವ ಕೃಷಿ ಭೂಮಿಯಿಂದ ಪಡೆಯಲು ಅಭಿಪ್ರಾಯಪಟ್ಟರು. ಅವರು ಅಂರ್ತಜಲ ಮಟ್ಟವನ್ನು ಹೆಚ್ಚಿಸಲು ಅವರಣದಲ್ಲಿ ಮಳೆನೀರು ಕೊಯ್ಲು ಯೋಜನೆಗಳನ್ನು ಸುಧಾರಿಸಲು ಸಲಹೆ ನೀಡಿದರು. ಇದರಿಂದ ಬೇಸಿಗೆಯಲ್ಲಿ ಘಟಪ್ರಭಾ ನದಿಯ ನೀರಿನ ಹೊರತೆಯನ್ನು ನೀಗಿಸಬಹುದು. ಅವರು ಕಂಪನಿಯ ಸುತ್ತಲಿನ ಅವರಣದಲ್ಲಿ ಶೇಕಡಾ 50ರಷ್ಟು ಹಸಿರು ಪಟ್ಟಿಯನ್ನು (ಹಣ್ಣಿನ ಮತ್ತು ಔಷಧಿಯ ಗಿಡಗಳನ್ನು) ಹತ್ತಿರದ ಹಳ್ಳಿಗಳಲ್ಲಿ ಮತ್ತು ರಸ್ತೆಯ ಆಕ್ಕ-ಪಕ್ಕದಲ್ಲಿ ಅಭಿವೃದ್ಧಿಪಡಿಸಲು ಸಲಹೆ ನೀಡಿದರು. ಸ್ಥಳೀಯರಿಗೆ ಉದ್ಯೋಗದಲ್ಲಿ ಆದ್ಯತೆ ನೀಡಲು. ಒಳ್ಳೆಯ ಕುಡಿಯುವ ನೀರಿನ ವ್ಯವಸ್ಥೆ ಮತ್ತು ಶೈಕ್ಷಣಿಕ ವ್ಯವಸ್ಥೆಯನ್ನು ಹಳ್ಳಿಗರಿಗೆ ಒದಗಿಸಲು ಸಲಹೆ ತಿಳಿಸಿದರು. ಮತ್ತು ಸಾಂಸ್ಕಿಕ ಸಾರ್ವಜನಿಕ ಜವಾಬ್ದಾರಿ ಚಟುವಟಿಕೆಗಳಿಗಾಗಿ ಸಮಿತಿಯನ್ನು ರಚಿಸಲು ಸಲಹೆ ನೀಡಿದರು. ಸದರಿ ಯೋಜನೆಗೆ ಪರವಾನಿಗೆಯನ್ನು ನೀಡುವಂತೆ ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

9. ನಿಯತಾಪ ದೇಸಾಯಿ: ಗೋಕಾಕ ನಿವಾಸಿ

ನೀರಿನ ಮರುಬಳಕೆಯ ಬಗ್ಗೆ ಕಂಪನಿಯ ತ್ಯಾಜ್ಯ ನೀರಿನ ಸಂಸ್ಕರಣಕ್ಕೆ ಅತ್ಯುತ್ತಮ ತಂತ್ರಜ್ಞಾನಗಳನ್ನು ಅಳವಡಿಸಿಕೊಂಡಿರುವುದರಿಂದ ಮತ್ತು ವೈಸರ್ಗಿಕ ಸಂಪನ್ಮೂಲಗಳನ್ನು ರಕ್ಷಿಸಲಾಗುತ್ತಿರುವ ಬಗ್ಗೆ ಅವರು ಹರ್ಷ ವ್ಯಕ್ತಪಡಿಸಿದರು. ಹಸಿರುಮನೆ ಅನಿಲಗಳನ್ನು ಸರಿದೂಗಿಸಲು ಅವರಣದಲ್ಲಿ ಕಂಪನಿಯು ಗಮನಾರ್ಹ ಹಸಿರು ಪಟ್ಟಿಯನ್ನು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದೆ. ಯೋಜನೆಯು ಹಲವು ಪರೋಕ್ಷ ಪ್ರಯೋಜನಗಳಿಗೆ ಕಾರಣಿಭೂತವಾಗುವದರಿಂದ, ಸದರಿ ಯೋಜನೆಯನ್ನು ಸ್ವಾಗತಿಸಿದರು.

ಅವರು ಓಝೋನ ಪದರು ಸಂರಕ್ಷಣೆಯ ಬಗ್ಗೆ ಕಾಳಜಿಯನ್ನು ವ್ಯಕ್ತ ಪಡಿಸಿದರು. ಭವಿಷ್ಯದ ಪೀಳಿಗೆಗೆ ಉತ್ತಮ ವಾತಾವರಣವನ್ನು ಹಸ್ತಾಂತರಿಸುವ ಜವಾಬ್ದಾರಿ ನಮ್ಮೆಂದಿಗೆ ಇರುತ್ತದೆ ಮತ್ತು ಕಂಪನಿ ಆ ನಿಟ್ಟಿನಲ್ಲಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿದೆ. ಕಂಪನಿಯಲ್ಲಿ ಕಲುಷಿತ ನೀರನ್ನು **RO** ತಂತ್ರಜ್ಞಾನದಿಂದ ಶುದ್ಧೀಕರಿಸಿ ಶೇಕಡಾ 60 ರಷ್ಟು ನೀರನ್ನು ಮರು ಬಳಕೆ ಮಾಡುತ್ತಿದ್ದಾರೆ. ಕಂಪನಿಯು ಭವಿಷ್ಯದ ಪೀಳಿಗೆಯ ಕುರಿತು ಯೋಚಿಸುತ್ತಿದೆ. ಸೌರ ಶಕ್ತಿಯ ವ್ಯವಸ್ಥೆಯನ್ನು ಸುಧಾರಿಸಲು ಕಂಪನಿಯ ಅಧಿಕಾರಗಳಿಗೆ ಅವರು ಕೋರಿದರು. ಹಸಿರು ಮನೆ ಅನಿಲಗಳನ್ನು ಸರಿಮೂಗಿಸಲು ಅವರಣದಲ್ಲಿ ಕಂಪನಿಯು ಗಮನಾರ್ಹವಾಗಿ ಹಸಿರು ಪಟ್ಟಿ ಬೆಳಸಿದೆ. ಯೋಜನೆಯು ಹಲವು ಪರೋಕ್ಷ ಪ್ರಯೋಜನಗಳಿಗೆ ಕಾರಣಿಭೂತವಾಗುವದರಿಂದ, ಸದರಿ ಯೋಜನೆಯನ್ನು ಸ್ವಾಗತಿಸಿದರು.

ಗೋಕಾಕ ನಗರವು ಅನೇಕ ಪ್ರವಾಸಿ ಸ್ಥಳಗಳಿಂದ ಆವೃತವಾಗಿರುವುದರಿಂದ ಪ್ರವಾಸೋದ್ಯಮ ಸ್ಥಳಗಳನ್ನು ಹಾಗೂ ನೈಸರ್ಗಿಕ ಸೌಂದರ್ಯವನ್ನು ಭವಿಷ್ಯದಲ್ಲಿ ಸುಧಾರಿಸಲು ಕಂಪನಿ ಅಧಿಕಾರಿಗಳಿಗೆ ನಾನು ತಿಳಿಸುತ್ತೇನೆ.

ಕಂಪನಿಯು ಸ್ಥಾಪಿತ ಯೋಜನೆಯಿಂದ ಕಂಪನಿಯ ಅಭಿವೃದ್ಧಿ, ಸುತ್ತ ಮುಕ್ತಲಿನ ಜನಜೀವನ ಹಾಗೂ ಪ್ರವಾಸಿ ಸ್ಥಳಗಳು ಅಭಿವೃದ್ಧಿ ಹೊಂದಲೆಂದು ಆಶಿಸುತ್ತೇನೆ.

ಪರಿಸರದ ಮೇಲೆ ಆಗತಕ್ಕಂತಹ ಪರಿಣಾಮಗಳ ಬಗ್ಗೆ ಅಭಿಪ್ರಾಯ ವ್ಯಕ್ತಪಡಿಸಿದ್ದು, ಇದಕ್ಕೆ ಕೈಗಾರಿಕೆಯವರು ಅವರ ಸಲಹೆಗಾರರ ಮೂಲಕ ಪರಸರಕ್ಕೆ ಪ್ರತಿಕೂಲ ಪರಿಣಾಮ ಉಂಟಾಗದಂತೆ ತಗೆದುಕೊಳ್ಳುವ ಕ್ರಮಗಳ ಬಗ್ಗೆ ವಿವರಿಸಿದ್ದು, ಇಂದಿನ ಸಭೆಯ ಎಲ್ಲಾ ನಡುವಳಿಗಳನ್ನು ದಾಖಲು ಮಾಡಿ ಅದನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯ ಮುಖಾಂತರ ಪರಿಸರ, ಅರಣ್ಯ ಹಾಗೂ ಹವಾಮಾನ ಬದಲಾವಣೆ ಸಚಿವಾಲಯ, ನವದೆಹಲಿ ಇವರಿಗೆ ಕಳುಹಿಸಿ ಕೊಡಲಾಗುತ್ತದೆ.

ವಂದನಾರ್ಪಣೆಯೊಂದಿಗೆ ಈ ಕಾರ್ಯಕ್ರಮವು ಮುಕ್ತಾಯಗೊಂಡಿತು.

(ಡಾ. ಸುರೇಶ ಇಟ್ನಾಳ ಐ.ಎ.ಎಸ್.)
ಅಪರ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು ಮತ್ತು ಅಪರ ಜಿಲ್ಲಾ ದಂಡಾಧಿಕಾರಿಗಳು ಮತ್ತು ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಅಲಿಕೆ ಸಭೆ ಅಧ್ಯಕ್ಷರು ಬೆಳಗಾವಿ, ಕರ್ನಾಟಕ

Annexure-1

Name of the Officers Present in the Public Hearing of M/s. Roquette Riddhi Siddhi Pvt. Ltd., Gokak. Belagavi District, Karnataka.

S.No	Name	Designation
1)	Dr. Suresh Itaral	Chairman of Public Hearing and Additional Deputy Commissioner, Belagavi
2)	Shri.Jagdeesh J.H.	Environmental Officer KSPCB Chikkodi.

Annexure-2

Representatives of the M/s Roquette Riddhi Siddhi Pvt. Ltd., Gokak. Present

S.No	Name	Designation
1)	Raju Sekhar	Vice President
2)	Nagesh Sharma	Technical Advisor
3)	S.V.Mutalikdesai	Sr. Manager -Environment
4)	Selvaraj.V	DGM-Projects
5)	Balgi Harirao	GM-HR
6)	Prakash Awate	Sr.Mgr - HR
7)	Ganesan K.S.	Head- Legal
8)	B.S.Kuligod	Asst. Manager
10)	Y.Maheshwar Reddy	Environmental Consultant (Pioneer Enviro - Hyderabad)
11)	S. Nanda Kumar	Advisor

Annexure – 3

ಮೆ. ರಾಕೆಟ್ ಡಿಸ್ಟಿಲರೀಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್, ಕಂಪನಿಯವರು ಬೆಳಗಾವಿ ಜಿಲ್ಲೆಯ, ಗೋಕಾಕ ತಾಲ್ಲೂಕು ಮತ್ತು ಗ್ರಾಮದ. ಸರ್ವೆ ನಂ. 50, 359, 360, 362, 41, 363 ಮತ್ತು 452 ರಲ್ಲಿ ಸ್ಥಾಪಿತಗೊಂಡಿರುವ ಡಿಸ್ಟಿಲರಿಯ ಸಹವಿದ್ಯುತ್ ಘಟಕದ ಸಾಮರ್ಥ್ಯವನ್ನು 6 ಮೆಗಾ ವ್ಯಾಟ್ ನಿಂದ 18 ಮೆಗಾ ವ್ಯಾಟ್ ಹೆಚ್ಚಿಸಲು ಉದ್ದೇಶಿಸಿರುತ್ತಾರೆ. ಇದರ ಪ್ರಯುಕ್ತ ಸಾರ್ವಜನಿಕ ಪರಿಸರ ಕುರಿತು ಆಲಿಕೆಯ ಹಾಜರಿ

ಸ್ಥಳ: ಯೋಜನಾ ಸ್ಥಳ
ಗೋಕಾಕ ತಾಲ್ಲೂಕ ಮತ್ತು ಗ್ರಾಮ,
ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ.

ದಿನಾಂಕ: 23-10-2017.
ಸಮಯ: ಬೆಳಿಗ್ಗೆ 11.00 ಗಂಟೆ

ಕ್ರ. ಸಂ.	ಸಾರ್ವಜನಿಕರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಸಹಿ
1.	[illegible]	[signature]
2.	[illegible]	[signature]
3.	Sunil Bhagat	[signature]
4.	Vijay P Desai	[signature]
5.	R. S. Kumbar	R S Kumbar
6.	Gurudeepsingh S. Gill	[signature]
7.	Mulla. D. M.	[signature]
8.	J. S. Bordi	[illegible]
9.	L. R. [illegible]	L. R. [illegible]
10.	A. H. wader.	[signature]
11.	M. L. BULLT	[signature]
12.	K. B. KNSHE	[signature]
13.	MH HADRE	MH HADRE
14.	IRAPPA	[signature]
15.	Y. A. Nadaf	[signature]
16.	K. S. Kaladagi	[signature]

ಕ್ರ. ಸಂ.	ಹೆಸರು ಮತ್ತು ವಿಳಾಸ		ಸಹಿ	ಕ್ರ. ಸಂ.
17	[illegible]			52
18	P. L. Hidadugi	(Khanoor)	P.L. Hidadugi	53
19	G T K	Jajgall.		54
20	Prabhu Huggai	(Khanoor)		55
21	M. Chikkalgud	(Khanoor)		56
22	D. O. Kurbeti	(Melmatti)		57
23	A. Y. Kuralli	(Khanoor)	[illegible]	58
24	A.S. Guddakayu	(Konnur)	[illegible]	59
25	B.B. Belavi	(Savalagi)	[illegible]	60
26	B. M. [illegible]	(G. Falls)	[illegible]	61
27	C.A Sirimallanavar	(G. Falls)	[illegible]	62
28	M.M. Umarani	(G Falls)	M. M. Umarani	63
29	M.Y. Hullisangodi	(Manikawadi)	[illegible]	64
30	[illegible]		[illegible]	65
31	B.L. [illegible]	[illegible]	B. L. [illegible]	66
32	K.S. [illegible]	[illegible]	K.S. [illegible]	67
33	Y. [illegible]	[illegible]		68
34	[illegible]	[illegible]		69
35	[illegible]	[illegible]	[illegible]	70
36	[illegible]	[illegible]	[illegible]	71
37	[illegible]	[illegible]	[illegible]	72
38	Satish B. Gunawaik	Falls	[illegible]	73
39	Yallappa. P. [illegible]	[illegible]	[illegible]	74
40	M. M. Betageri	[illegible]	[illegible]	75
41	[illegible] A. Patil	[illegible]	M. A. Patil	76
42	B. G. Gurav	Falls	[illegible]	77
43	[illegible]	[illegible]	[illegible]	78
44	G. Gaugai	[illegible]	[illegible]	79
45	L [illegible]	[illegible]	L [illegible]	80
46	X [illegible]	[illegible]	X [illegible]	81
47	M [illegible]	[illegible]	M [illegible]	82
48	Kaddappa Yellappa K	Konnur	Y.C. Kuvaning	83
49	Imtiaz Khan	Gokak	[illegible]	84
50	R. B Patil	Gokak	[illegible]	85
51	Mallapa Badani	G. Falls		86

ಕ್ರ.ಸಂ.	ಹೆಸರು ಮತ್ತು ವಿಳಾಸ		ಸಹಿ
52	Yellappa Naik	G. Falls	[illegible]
53	Baravani Shegoni	G. Falls	
54	S. I. Subhaji	Gokak	[signature]
55	S. P. [illegible]	Gokak	[signature]
56	Mehantesh Manoji	Savalgi	[signature]
57	Basavanneppa S. Kabadagi		[illegible]
58	Mahesh S. Bangari	G. Falls	M. S. Bangari
59	Mamadapur		[signature]
60	Kadappa Mishi	Gokak	[signature]
61	Maruti B. Madar	Gokak	[signature]
62	Vaman S. Gokak	Gokak	V. [illegible]
63	Yellappa Gudi	Manikavi	[illegible]
64	Yellappa Korgavi	Kallali	Y. [illegible]
65	Laxman Kamblatti	Kallali	
66	Bhimshi Hullennavar	Kallali	B. H
67	Durgappa Kamshatti	Kallali	
68	Hasan Ferzade	Gokak	[signature]
69	Maddi[illegible] Kadam	Gokak	MBK
70	Ramesh Hosalikatti	Shingalapur	
71	[illegible]	[illegible]	R. A. Bhagoji
72	Praveen Gulagalli	[illegible]	
73	[illegible]	[illegible]	
74	[illegible]	[illegible]	
75	[illegible]	[illegible]	
76	[illegible]	[illegible]	
77	[illegible]	[illegible]	
78	[illegible]	[illegible]	S. D. Suttigeri
79	[illegible]	[illegible]	A. D. Naganna[illegible]
80	[illegible]	[illegible]	BMF
81	Laxman P. Bhagoji	[illegible]	L. P. Bhagoji
82	[illegible]	[illegible]	[signature]
83	[illegible]	P.G. [illegible]	[illegible]
84	C. D. Biddi	Gokak	[signature]
85	Nagappa S. Guddakayu	Konnur	N. S. Guddakaya
86	[illegible]	Ganeshwadi	[illegible]

ಕ್ರ.ಸಂ.	ಸಾರ್ವಜನಿಕರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ		ಗ್ರಾಮ	ಸಹಿ	ಕ್ರ.ಸಂ.
87	Manju. Y.	[illegible]	Gokak	[illegible]	122
88	[illegible]	[illegible]	[illegible]	[illegible]	123
89	[illegible]	[illegible]	[illegible]		124
90	[illegible]	[illegible]	[illegible]	[illegible]	125
91	[illegible]	[illegible]		[illegible]	126
92	[illegible]	[illegible]	Godgeri	[illegible]	127
93	[illegible]	[illegible]	Gokak	[illegible]	128
94	Vithal	Supekar	Gokak	[illegible]	129
95	Basu	Harijan	Godgeri	[illegible]	130
96	Basu	Chougala	Godgeri	Chougala	131
97	Muttepa	Rimannavar	Maradimath	[illegible]	131
98	Bhahuraj	Patil	Maradimath	[illegible]	132
99	Bhimapa	Umarnaik	Godgeri	[illegible]	133
100	Shivanand	Shabandri	Savalgi	[illegible]	134
101	Basavaraj	Magdum	Godgeri	B.B. Magadum	135
102	Ganesh	Badegol	Konnur	G.N. Badegol	136
103	Shankarayya	Hiremath	Gokak falls	S. Hiremath	137
104	Raju	Kallur	Shingalapur	[illegible]	138
105	Lakkappa	Myagadi	Hunasyal	[illegible]	139
106	Baswaraj	Magdum	Savalgi	[illegible]	140
107	Siddappa	Kanatti	Arabhavi	[illegible]	141
108	Shivappa	Kudari	Hadaginal	[illegible]	142
109	Sanju	Patravir	Gokak	S. S. [illegible]	143
110	Muttepa	Muddavagol	G. falls	Muddavagol	144
111	Raju	Mane	G. falls	R. S. Mane	145
112	Raghu	[illegible]	Gokak	[illegible]	146
113	Shivanan	Kalal	Gokak	S. S. Kalal	147
114	Kiran	[illegible]	Gokak	[illegible]	148
115	Gangappa	Tambachi	G. S. Tambachi	G.S. Tambachi	149
116	[illegible]	[illegible]	[illegible]	[illegible]	150
117	[illegible]	[illegible]	[illegible]	[illegible]	151
118	Vivek	Bhosale	G. Falls	[illegible]	152
119	Virendra	Yadav	Gokak	MBS	153
120	Mahesh	Gokabat	Gokak		154
121	[illegible]	[illegible]	[illegible]	[illegible]	155

ಕ್ರ.ಸಂ	ಅರ್ಜಿದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ		ಸಹಿ
122	Laxman . S. Buzuri	Munikawadi	Laxman. S. Buzuri
123	[illegible]	[illegible]	[illegible]
124	[illegible]		
125	[illegible]	[illegible]	[illegible]
126	Yaseen R. mulla	S.K.B.T	[illegible]
127	Sayyad S. Sokhawas	S.K.B.T	SAYYAD
128	Maning G. Kallimani	"	[illegible]
129	Mallinath. P. Kalsikar	G.P.B	[illegible]
130	Mahalingayya. S. Pujeri	Falls.	M.S. Pujeri
131	Kavita M. Patil	[illegible]	[illegible]
131	Sayyad F mulla	Dupadal.	S. F. mulla.
132	[illegible]	[illegible]	[illegible]
133	PARSHANT. R. Veerashetti	Dupadali	P.R.V
134	Ramesh B. Mallappagol		R.B. Mallappagol
135	[illegible] A Gasti	Shillapur	B A Gasti
136	Kempanna S. [illegible]	Savalgi	[illegible]
137	Mallayya. H. Hiremath	"	M. H. Hiremath
138	[illegible]	[illegible]	[illegible]
139	Gopal. H. Samagar	[illegible]	G.H. Samagar
140	[illegible]	[illegible]	[illegible]
141	Umesh Ajjannavar	[illegible]	[illegible]
142	[illegible]	[illegible]	Y A K
143	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
145	[illegible]	[illegible]	[illegible]
146	[illegible]	[illegible]	
147	[illegible]	[illegible]	[illegible]
148	[illegible]	"	[illegible]
149	[illegible]	"	T.B.M
150	[illegible]	"	S. B. [illegible]
151	[illegible]	"	A. S. Patil
152	[illegible]	[illegible]	[illegible]
153	[illegible]	"	
154	[illegible]	[illegible]	[illegible]
155	[illegible] A - [illegible]	[illegible]	[illegible]

ಕ್ರ.ಸಂ	ಪ್ರತಿನಿಧಿಯ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಸಹಿ
156	Abdulmajid A. Shankar	[illegible]
157	Mahaling gudadar (Sajjihal)	M.U. [illegible]
158	Udayakumar B patil Konnur	Patil
159	Santosh Sonnakki (Kalolli)	S S [illegible]
160	Prakash yallappa Naik (Shindikurbet)	[illegible]
161	Kaloolappa Dalawayi (Sajjihal)	K. R Dalawayi
162	Balesh Badiganvar	Badiganvar
163	Vinod jadhav Gokak	[illegible]
164	Pundappa Subhedar (Kalolli)	[illegible]
165	Sidram Sampagar (Pamaldinni)	[illegible]
166	mehaboob Dhalayat (Shindikurbet)	Mehaboob
167	Laxman Shivappa Khot (Konnur)	L.S.K H O T
168	Laxman uppar (hullatti)	L.F UPPAR
169	mahadev kudari (Sajjihal)	[illegible]
170	Basavaraj Nipanal (Melmatti)	[illegible]
171	Lava Patil (Maradimath)	Patil
172	Prakash Kallur (Gokak)	P.S. [redacted]
173	Basappa magadum (Beadkimardi)	B. [illegible]
174	Anjum Pattan (Konnur)	[illegible]
175	Hanumant Sonnakki (Kallolli)	[illegible]
176	Pundlik Samadi (Pamaldinni)	P U [illegible]
177	Prakash y [illegible] Gokak	[illegible]
178	Arun K Ghorpade Gokak	[illegible]
179	Irappa Hattiraki (Savalagi)	[illegible]
180	H. Muthu babu (Hyd)	H. M. [illegible]
181	S. M. Kyasti	[illegible]
182	A Kannan (CWC)	A Kannan
183	V. Sunanda Reddy Environmentalist	V.S. [illegible]
184	Gopal [illegible] Local Gokak	[illegible]

[illegible] 7 [illegible] ಮತ್ತು [illegible] ಮಾಹಿತಿ [illegible].

11.00 [illegible] www.[illegible] [illegible]

[illegible]

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ

[illegible] ಪರಿಸರ ಭವನ, 4 [illegible] ಬೆಂಗಳೂರು – 560 0[illegible], ಕರ್ನಾಟಕ, ಭಾರತ

[illegible] 25589[illegible], 25581[illegible], 25589[illegible], ಫ್ಯಾಕ್ಸ್: [illegible]

ಇ-ಮೇಲ್: ho@kspcb.gov.in ವೆಬ್‌ಸೈಟ್: http://kspcb.gov.in

[illegible] ಕರಾಮಾನಿಮಂ/[illegible]/2017-18/[illegible] ದಿನಾಂಕ: [illegible]/2017

[illegible]

ಮೆ: [illegible] ಸ್ಟೋನ್ ಕ್ರಷರ್ [illegible], [illegible] ಸರ್ವೆ ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 173 [illegible] 5 [illegible] 18 [illegible] 14.9.2006 [illegible] 1.12.2009 [illegible] Terms of Reference [illegible] J-13012/00/2016-IA II(T), ದಿನಾಂಕ 26.07.2015 [illegible] 20.07.2017 [illegible]

1. [illegible] ಮತ್ತು ವಿಳಾಸ	ಮೆ: [illegible] ಸ್ಟೋನ್ ಕ್ರಷರ್ [illegible] ನಂ.9, [illegible] ಬೆಂಗಳೂರು-[illegible]
2. [illegible] ಸ್ಥಳ	ಮೆ: [illegible] ಸ್ಟೋನ್ ಕ್ರಷರ್ [illegible] ಸ.ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 173, [illegible]
3. [illegible]	[illegible] 5 [illegible] 18 [illegible]
4. [illegible]	ದಿನಾಂಕ: 11.10.2017 [illegible] 11.00 [illegible] ಮೆ: [illegible] ಸ್ಟೋನ್ ಕ್ರಷರ್ [illegible] ಸರ್ವೆ ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 473 [illegible]

5. [illegible] ಬೆಂಗಳೂರು-560001.

[illegible]

building at Koppal Institute of Medical Science, a hospital at Kushtagi, and a guest house at Koppal city. ... ing spruced up for the mega event with Basavaraj Rayareddi, Minister for Higher Education, overseeing the preparations.

KARNATAKA STATE POLLUTION CONTROL BOARD

No.49, "Parisara Bhavana", 1st to 5th Floor, Church Street, Bengaluru - 560 001, Karnataka, INDIA.
PH: 25589112, 25581383, 25589112, 25586521
Fax: 080-25586321 E-mail: ho@kspcb.gov.in
Website: http://kspcb.gov.in

PCB/ [illegible] /2017-18/3429 Date: [illegible]/2017

ENVIRONMENTAL PUBLIC HEARING NOTIFICATION

M/s. Roqkotta Riddhi Siddhi Private Limited located at Sy. No.250, 259, 260, 262, 471, 261 and 473, Gokak Village and Taluk, Belagavi District Karnataka State have proposed expansion of Co-Generation Power Plant from 6 MW to 19 MW. As per Environment Impact Assessment Notification dated 14.09.2006 and Amendment dated 01.12.2009, the project has to obtain prior Environmental Clearance from the Ministry of Environment, Forests and Climate Change, Government of India and is required to go through Environmental Public Hearing process. As per the Terms of Reference letter no. J-13012/98/2016-IA II(T), dated 28.07.2016 of Ministry of Environment, Forest and Climate Change, Government of India and request letter of the project proponent dated 28.07.2017, the Environmental Public Hearing is being conducted by the Board.

The details of the Project are as follows:

1. Name of the Company & Address	M/s. Roqkotta Riddhi Siddhi Private Limited, Post Box No.9, Gokak Falls Road, Gokak-591307, Belagavi District, Karnataka State.
2. Proposed location of the project	M/s. Roqkotta Riddhi Siddhi Private Limited, Sy. No.250, 259, 260, 262, 471, 261 and 473, Gokak Village and Taluk, Belagavi District, Karnataka State.
3. Details of activity:	Expansion of Co-Generation Power Plant from 6 MW to 19 MW.
4. Date, time and venue of Public Hearing.	23.10.2017 at 11.00 A.M. at M/s. Roqkotta Riddhi Siddhi Private Limited, Sy. No.250, 259, 260, 262, 471, 261 and 473, Gokak Village and Taluk, Belagavi District.

Places of availability of project documents as per EIA Notification, which is kept open to public are: (a) Office of the Deputy Commissioner, Belagavi District, Belagavi. (b) Chief Executive Officer, Zilla Panchayat, Belagavi District, Belagavi. (c) District Industries Centre, Belagavi District. (d) City Municipal Council, Gokak. (e) Office of the Regional Officer, Regional Office, Karnataka State Pollution Control Board, Belagavi-2 (Chikkodi). (f) Ministry of Environment & Forest, South Zone Office, E-3/240, Kendriya Sadan, 4th Floor, E&F Wings, 17th Main Road, 2nd Block, Koramangala, Bengaluru - 560 034. (g) HELP DESK, Karnataka State Pollution Control Board, Ground Floor, No.49, Parisara Bhavan, Church Street, Bengaluru - 560 001.

NOTE : Suggestions, views, comments and objections of interested bonafide residents, environmental groups and others located at project site and likely to be affected by the proposed project are invited within 30 days from the date of publication of this Notification. They can also make oral/written/E-Mail suggestions to the Karnataka State Pollution Control Board/Chairman Public Hearing Committee (Deputy Commissioner Belagavi district, Belagavi). Interested public can participate in the Public Hearing at the above place. For details please visit our Website: http://kspcb.gov.in.

Sd/-
Member Secretary

"AVOID USE OF PLASTICS - BE 'ECO' FRIENDLY"

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ

[illegible] 49, [illegible], 1 ಮತ್ತು 5 ನೇ ಮಹಡಿ, [illegible],
ಬೆಂಗಳೂರು-560 001 [illegible]
ದೂರವಾಣಿ: 25581383, 25589112, 25586520, ಫ್ಯಾಕ್ಸ್: 080-25586321
ಇ-ಮೇಲ್: [illegible]@kspcb.gov.in ವೆಬ್‌ಸೈಟ್: http://kspcb.gov.in

[illegible] /2017-18/[illegible] ದಿನಾಂಕ 09/9/2017

ಪರಿಸರ ಸಾರ್ವಜನಿಕ ಸಭೆಗಾಗಿ ಸೂಚನೆ

[illegible] ಸರ್ವೆ ನಂ. 50, 250, 259, 261, 471, 263 ಮತ್ತು 471 [illegible] Terms of Reference [illegible] J-13012/06/2016-IA [illegible] 26.07.2016 [illegible] 20.07.2017 [illegible]

[illegible]

1. [illegible]	[illegible]
2. [illegible]	[illegible] ಸರ್ವೆ ನಂ. 250, 259, 260, 261, 471, 263 ಮತ್ತು 471 [illegible]
3. [illegible]	[illegible]
4. [illegible]	ದಿನಾಂಕ 23.11.2017 [illegible] ಸರ್ವೆ ನಂ. 250, 259, 260, 262, 471, 263 ಮತ್ತು 471 [illegible]

5. [illegible] http://kspcb.gov.in [illegible]

ಸಹಿ/-

[illegible]

"[illegible]"

Annexure – 4


ROQUETTE
Offering the best of nature
ROQUETTE SIDDHI SIDDHI PRIVATE LIMITED,
GOKAK


ROQUETTE
Offering the best of nature
ROQUETTE SIDDHI SIDDHI PRIVATE LIMITED,
GOKAK

Annexure-5

VOOTKURI SUNANDA REDDY, M.A., M.Sc.
Environmentalist
President
Bharthri Paryaverana Parirakshana Samstha
H.No.5-7-414, Shivaji Nagar,
Nalgonda Dist-508001, Telangana State
Cell : 9848179729, 8985929148
Email: sunandareddyvootkuri123@gmail.com

Dated : 06-10-2017

To
The Regional Officer,
Regional Office, Belagavi
KSPCB, Karnataka State.

Sub :- Suggestions for Public Hearing dated : 23-10-2017 of M/s. Roquette Riddhi Siddhi Private Ltd. Proposed to Expansion of Co-generation power plant from 6MW to 18MW at Gokak Village & Taluk, Belagavi District, Karnataka State.

***

Sir,

I V.Sunanda Reddy, I am the first Environmentalist in India to support Industrial development my best wishes and supporting the Management of M/s. Roquette Riddhi Siddhi Private Ltd. Generally Environmentalists opposses Industries. But I am hole heartedly supporting planning setting up an industry to Proposed Expansion of Co-generation power plant from 6MW to 18MW. Because in India approximately 40 crores youth between the age group of 18 to 35 years are waiting for Employment opportunities and urgent need of industrial Development of Karnataka State. At the same time here is a great necessity to protect the Ecological balance. I am giving you few suggestions to maintain the Ecological balance and development of your industry.

1. Your consultant have already conducted baseline survey of air, water, land it is very good. My request is please collect the data of the health status of the people, Data of Crop Production status and ground water availability status within 10 Kms radius. It is very useful in future and utilize as a parameter to take precautionary affective measures to maintain ecological balance.

2. You have only 97 Acres of land for this industry in this land total rain water received approximately 35 Crore litre for annum. My humbly request you to construct water harvesting structures and storage structures to save the water it is useful for you usage in Industry and also develop ground water levels in this area. And also whatever usage water for your industry. Collect and storage in rain season it is useful in non rain days for your industry.

Contd.....2

VOOTKURI SUNANDA REDDY, M.A. (Ed.)
Environmentalist
President
Charithra Paryavarana Perirakshana Samstha
H.No.6-7-474 Shivaji Nagar,
Nalgonda Dist.-508001, Telangana State
Cell : 9848179729, 8985928148
Email: sunandareddyvootkuri123@gmail.com

Dated : 06-10-2017

To
The Regional Officer,
Regional Office, Belagavi
KSPCB, Karnataka State.

Sub :- Suggestions for Public Hearing dated : 23-10-2017 of M/s. **Roquette Riddhi Siddhi Private Ltd.** Proposed to Expansion of Co-generation power plant from 6MW to 18MW at Gokak Village & Taluk, Belagavi District, Karnataka State.

***

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Contd...2

3. You have planed takeup plantation 33% Land is very good. My Suggestion is to takeup plantation 40-50% is very esential to control presure on ecological Balance because indian population is increasing 10 crores for every 10 years. It is very preserised on natural resources.
4. Please take up village plantation in nearby villages and also avenue plantation for internal roads on which roads your vehicles transport the materials to control dust pollution. My request is you should give priority to plant fruit baring plants and medicinal value plants instead of normal plants it is useful to control dust pollution and also avilable fruits in near by villages.
5. Please give top priority to the local educated unemployed youth to give employment in your industry.
6. My humble request is to promote skill development training to unemployed youth to better skills useful to get employment chances in your industry remaining youth to get jobs in other places. Countries like Japan and Korea 95% of youth they got skill development in India only 5 to 6 percent youth skilled persons.
7. My request is to form a co-ordination committies with you company officials, Govt. Officials and PCB Officials and villages to take up plan of action of CSR budget it is very useful and meaning ful to take up demand oriented works. Which is very essential to village development. Please discourage target oriented works. With this activity a agreat crediability comes to you.
8. My request you should take proper Pollution control precautionery measures to control Air pollution, Water pollution, Land pollution and Noise pollution.

Once again my best wishes and supporting to you industrial development at the sante time please maintain the Ecological balance and environmental safety.

I am congratulating your environmental consultany which has prepared detailed EIA report to your project is very good and satisfactory.

I am requesting the public hearing panel committee to recomend the MOEF to give un conditioned permission to **M/s. Roquette Riddhi Siddhi Private Ltd.** Proposed to Expansion of Co-generation power plant from 6MW to 18MW at Gokak Village & Taluk, Belagavi District, Karnataka State.

Thanking you,

Yours faithfully

(V.Sarvanan Reddy)

Rural Environment Education and Health Awareness Society

Regd. No: 1702/2007

TO,
THE ENVIRONMENTAL ENGINEER,
Belagavi2 Regional office,
Belagavi Dist. KSPCB.

Gokak,
Date: 23.10.2017.

RESPECTED SIR,

SUB:- Review of public hearing of M/s Roquette Riddhi Siddhi Pvt Ltd Proposed Expansion of Co-Generation Power Plant 6 MW to 18 MW in 97 acres at Gokak (Village & Taluka) Belagavi (Dist) Karnataka.

I, K.Madhubabu Environment Vaulenteer (REEHAS, Rural Environment Education and Health Awareness Society) R/O of Hyderabad, Most Respectfully Submit That:

In this regard as a Environment Volunteer I am giving few suggestions to the proponent So Please Kindly Consider the Below Points.

All Environmentalists are opposing the industries but I am supporting the industries why because, in the time of Independence our country population is 30 crores but now it increased to 130 crores, every year 50 lakhs Graduates are coming for Employment but Government giving employment to only 5 lakhs people, others are getting job opportunities in Private sector so we must welcome to the industries.

All are discussing about pollution ... pollution... but main pollution of our country is unemployment is the most dangerous pollution to all.

1. The Proponent of M/S Roquette Riddhi Siddhi Pvt Ltd. Proposed to Expansion Co-generation power plant as mentioned above.

2. The Environment consultant M/S Pioneer Enviro Laboratories & Consultants Pvt Ltd of this project study area covered 10 km radius around the proposed Project area, they studied locations of Air ambient quality, noise levels recorded, water samples collected, soil samples also collected these all are in norms of CPCB. This is satisfactory.

3. The consultant please take health states of village people in 10 km radius around is must, why because it is very useful in future.

4. Please take Crop production details from near Agriculture lands also.

5. For operation of the project water requirement is 720 K.D. It is taking from Ghataprabha river, in summer season chance to down fall water level so please arrange rain water harvesting system.

1-7-40&9, Musheerabad, Hyderabad-500 020.
Email : madhuhanumandla@gmail.com, reehas78@gmail.com
Cell : 9908612657

ANNEXURE - 6

WELCOME TO THE

PUBLIC HEARING

for

Presentation for

Proposed expansion of co-generation power plant from 6 MW to 18 MW

by

Roquette Riddhi Siddhi Private Limited

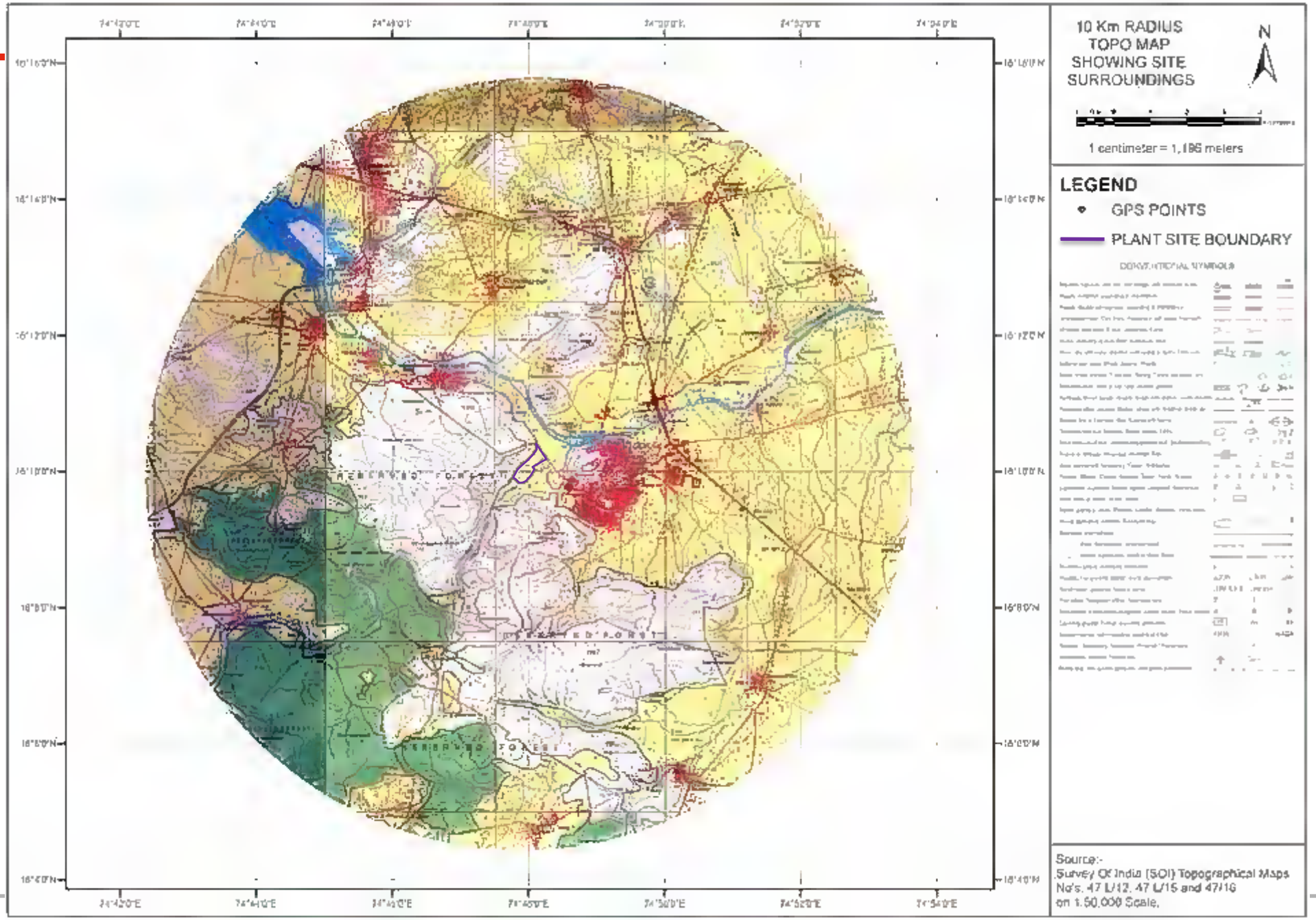
Sy. Nos. 250, 259, 260, 262, 471, 263 and 473 ,
Gokak (Village & Taluk), Belagavi District, Karnataka

Date : 23/10/2017

PLANT DETAILS

<table>
<tr><td>Name of the Plant</td><td>:</td><td>Roquette Riddhi Siddhi Private Limited</td></tr>
<tr><td>Location of the plant</td><td>:</td><td>Sy. Nos. 250, 259, 260, 262, 471, 263 and 473 ,
Gokak (Village & Taluk), Belagavi District, Karnataka</td></tr>
<tr><td>Existing CTE & CTO Obtained for products</td><td>:</td><td>
<table>
<tr><th>S. No</th><th>Unit</th><th>Product</th><th>Capacity</th></tr>
<tr><td>1</td><td>Maize grinding</td><td>Liquid Glucose, Dextrose powder and syrup, Monohydrate, Maltodextrine, Germ etc.,</td><td>1200 TPD</td></tr>
<tr><td>2</td><td>Co-gen (Biomass/ Coal)</td><td>Electricity</td><td>6 MW</td></tr>
</table>
</td></tr>
<tr><td>Proposed Expansion</td><td></td><td>Expansion of cogeneration power plant from 6 MW to 18 MW</td></tr>
<tr><td>Cost of the Expansion Project</td><td>:</td><td>Rs. 62 Crores</td></tr>
<tr><td>Total land</td><td>:</td><td>97 Acres already acquired. Proposed expansion will be taken up in the existing plant premises. No additional land envisaged for expansion project.</td></tr>
<tr><td>TOR issued by MOEF&CC, New Delhi</td><td></td><td>TOR letter has been issued vide letter F.No. J-13012/06/ 2016- IA.I(T) dated 26th July 2016</td></tr>
</table>

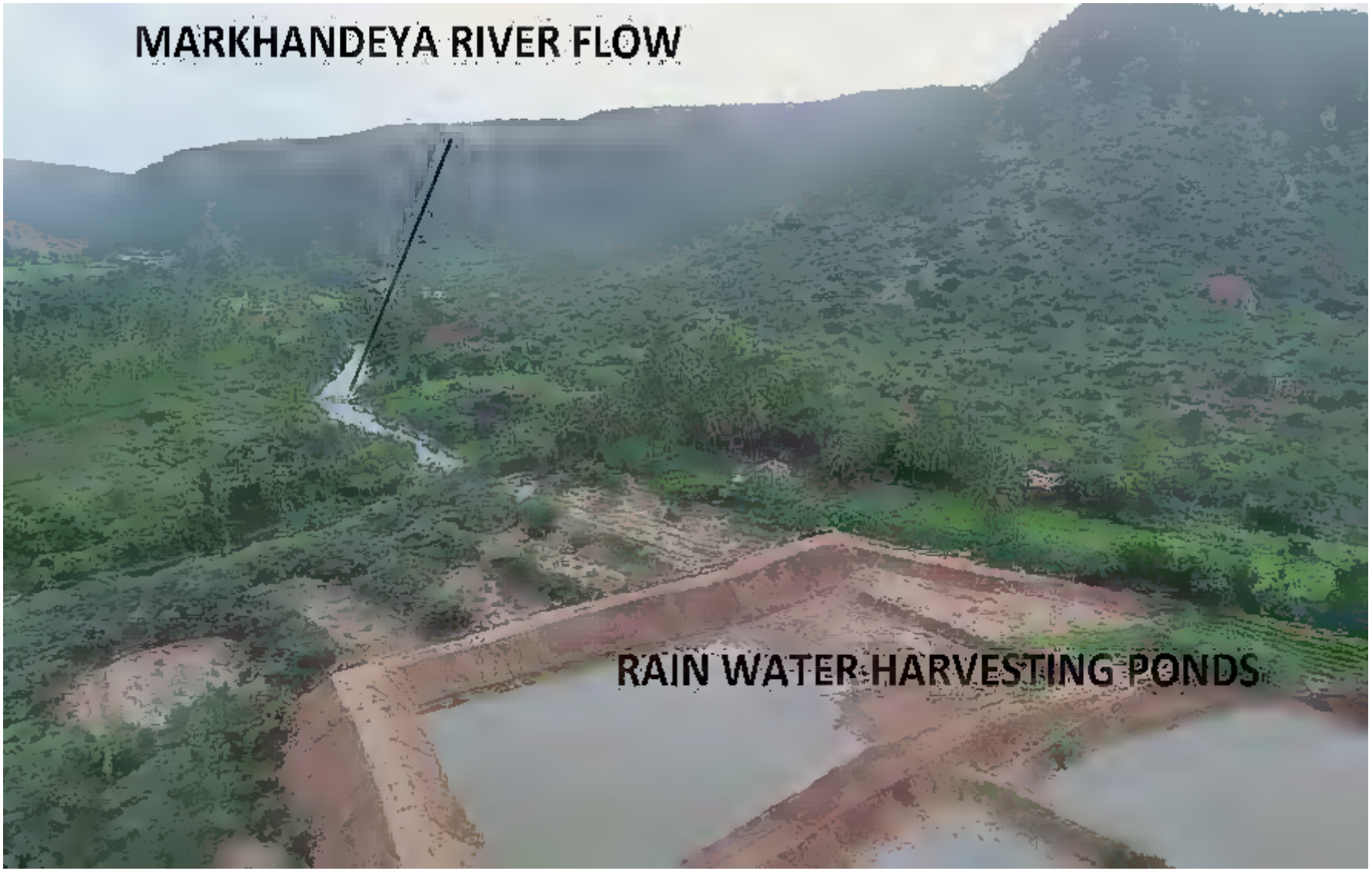
Plant layout


10 Km RADIUS
TOPO MAP
SHOWING SITE
SURROUNDINGS
N
1 centimeter = 1,186 meters
LEGEND
GPS POINTS
PLANT SITE BOUNDARY
CONVENTIONAL SYMBOLS
Source:-
Survey Of India (SOI) Topographical Maps
No's. 47 L/12, 47 L/15 and 47/16
on 1:50,000 Scale.

ENVIRONMENTAL SETTING WITHIN 10 KM. RADIUS OF THE PLANT SITE

- The plant area does not fall under the industrial areas / cluster, which are listed in MoEF office memorandum dated 13th January 2010 & its subsequent amendments.
- Gokak is the Nearest habitation at a distance of 0.61 Kms. from the existing plant.
- Ghataprabha Bird Sanctuary exists at distance of 7.35 Kms. from the existing plant.
- There are no National Parks, Tiger Reserves, Biosphere reserves and Elephant Corridors within 10 Km. radius of the plant.

  No forest land is involved in the plant site.
- Ghataprabha river is flowing at distance of 0.42 Kms from the boundary (0.88 Kms. from proposed co-gen power plant site) & Markandeya river (A Tributary to Ghataprabha river)is flowing adjacent to the existing plant. Boundary in SW to SE direction.
- Dupdhal dam is exists at distance of 6.8 Kms. From the existing plant.
- Gokak water falls which is a tourist place exists at distance of 3.1Kms from the existing plant.
- Reserved Forest (un named) is present adjacent the existing site boundary in SSW to NW direction.


MARKHANDEYA RIVER FLOW
RAIN WATER HARVESTING PONDS

The following is the plant configuration of existing and proposed expansion project.

S.No.	Unit	Product	Capacity			Total
			Existing Permission (As per CTE)	In Operation (As per CTO)	Proposed Expansion	
1	Maize grinding	Liquid Glucose, Dextrose powder and syrup, Monohydrate, Maltodextrine, Germ, etc.	1200 TPD Maize Processing	1200 TPD Maize Processing	---	1200 TPD Maize Processing
2	Co-gen (Biomass/Coal)	Electricity	6 MW	6 MW	12 MW	18 MW

The following will be the fuel requirement for the proposed expansion project.

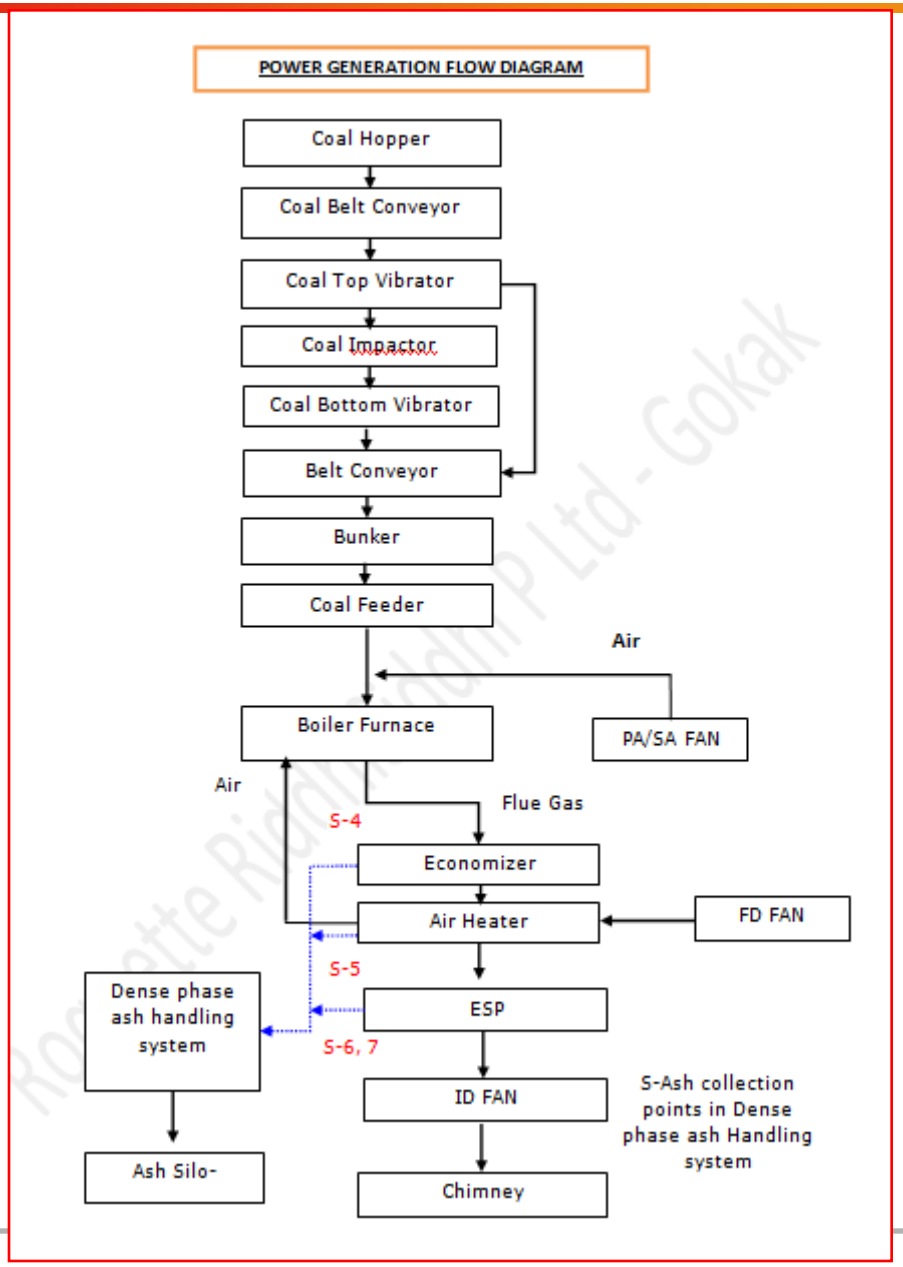
S.NO	FUEL	GCV (KCALS/KG)	QUANTITY (TPD)	SOURCE	METHOD OF TRANSPORTATION
1	Imported Coal	4140 (on ARB) OR 5300 (on ADB)	570	Indonesia	By Sea route , Rail & by road Covered trucks
(or)					
2	Indian Coal	3970 (on ARB) OR 5200 (on ADB)	581	SCCL, Telangana	By Road in covered trucks
(or)					
3.	Biomass (Bagasse) + Imported Coal	2100 (on ARB)	300 + 280	Sugar plants in the area, Indonesia	By road in covered trucks By Sea route , Rail & by road Covered trucks
Note: Primary fuel usage for steam and power generation is Imported coal (around 95%). Bagasse will be used as and when available.					

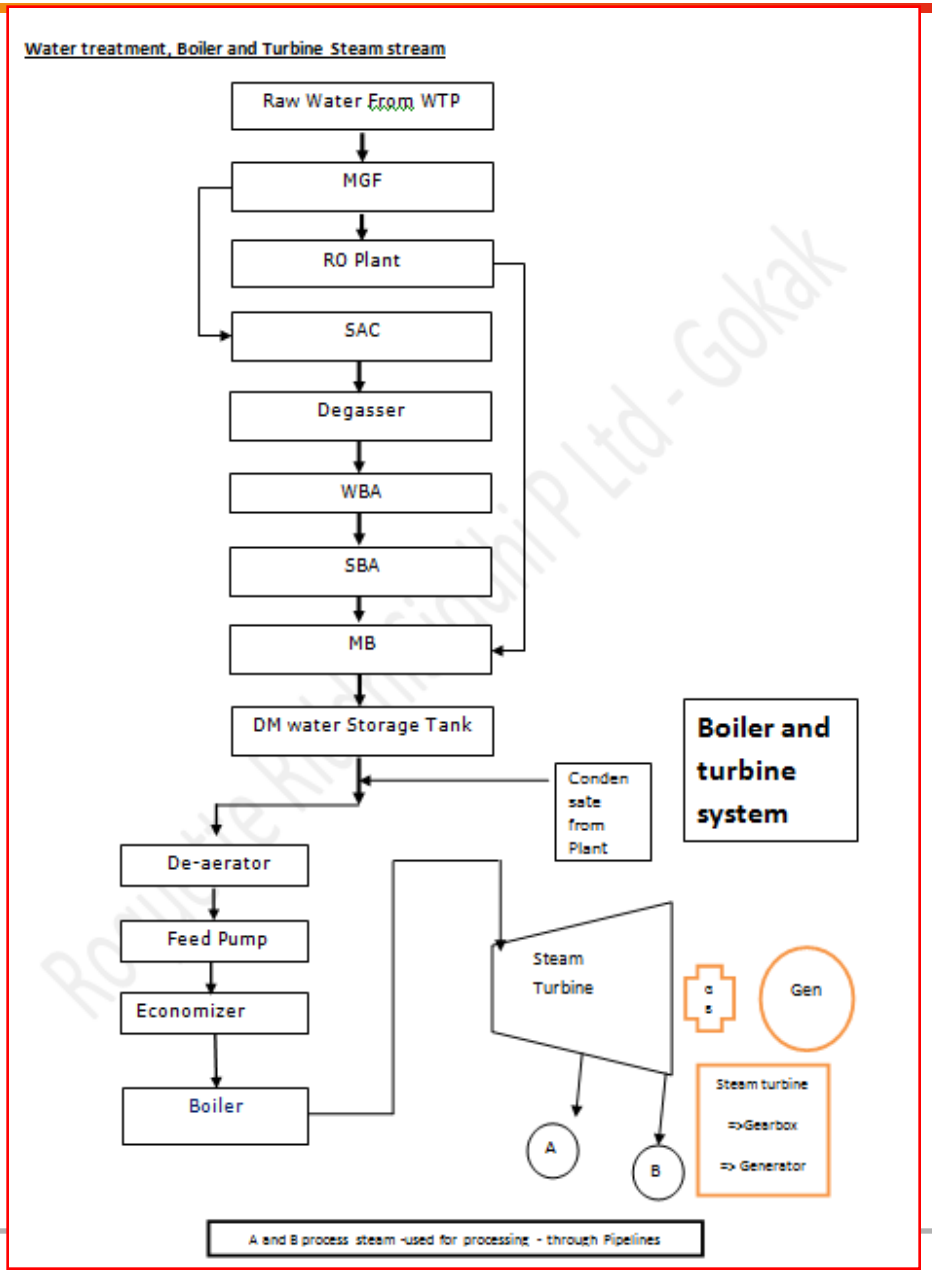
Manufacturing process

The proposed expansion of power plant will comprise of 1X12 MW. The whole process comprises of generating heat energy in the boiler and then converting heat energy generated in the CFBC Boiler into mechanical energy in the turbine and further converting this mechanical energy generated in the turbine into electrical energy in the alternator. Coal (Indigenous / Imported) and Biomass will be used as fuels in the boiler. The combustion of the fuel generates the heat energy in the boiler. This heat energy is transferred to heat transfer area provided in different areas like (bed coils, water wall, Steam Drawn/mud drum, bank tubes, economizer, super heater, air pre-heater). This heat will be transferred to the water which will pass through and steam is generated and this steam will be further super heated in the super heater so that dry super heated steam will be generated. The quantity of the steam generated in the boiler will be 100 TPH. This Steam will be fed into the turbines and this steam expands in the turbine and generates mechanical energy i.e., it starts rotating the Rotor at high speed and further this mechanical energy will be converted into electrical energy in the alternator. The power generated at the alternator terminals will be 12 MW. The following are the environmental advantages of CFBC Boiler.

- The efficiency of CFBC Boiler is high and the environmental emissions will be much less.
- Limestone to be used as bed material in CFBC Boiler will help in absorbing the SO_2 emissions consequently SO_2 emissions will reduce significantly.
- Due to lower combustion temperature formation of Thermal NOx will be eliminated. Accordingly NOx emissions will reduce.

MANUFACTURING PROCESS FLOW DIAGRAM





PROPOSED CO-GENERATION POWER PLANT DETAILS

Boiler Details

Capacity of Boiler proposed	100 TPH
Fuels proposed	Imported coal(Primary fuel) /Indian coal /Biomass
Pressure	110 kg/cm^2
Emission control system	Electro Static Precipitator

The flue gases from the Boiler will be designed to comply with Latest MOEF norms for new Thermal power plants.

Steam Turbine Generator Details

Type of Turbine	Extraction cum Back pressure
Capacity of STG	12 MW
Voltage	11 KV

Water Requirement & Source

Water required for the proposed 12 MW power plant will be sourced from Ghataprabha River. Total water additional requirement for proposed 12 MW power plant will be 720 KLD (as per latest norms for TPP @ 2.5 m^3/MWH). This includes make-up water for Boiler, DM plant regeneration water & Plant service water.

Total water requirement for 12 MW power plant	:	2947 KLD
Total condensate recycle	:	(-) 1697 KLD
Other recycled water	:	(-) 530 KLD
Net water requirement	:	720 KLD

Present Water drawl permission from Ghataprabha river is 1.0 CUSEC (2450 KLD). Pipe line already exist to transport water from Ghataprabha river upto the plant. Same pipeline will be adequate for water transport after power plant expansion also. Water drawl permission will be obtained to draw water from Ghataprabha river for the additional 720 KLD required for expansion of power plant. We have submitted application to Irrigation department, Government of Karnataka

BASELINE DATA (OCTOBER, 2016 TO DECEMBER, 2016.)

AIR QUALITY : Ambient air quality was monitored for $PM_{2.5}$, PM_{10}, SO_2, NOx, CO & Mercury (Hg) at 9 stations for one season as per MoEF guidelines. The following are the concentrations of various parameters at all the monitoring stations :

$PM_{2.5}$	:	11.1 – 41.7 µg/m^3
PM_{10}	:	23.4 – 69.8 µg/m^3
SO_2	:	6.1 – 16.8 µg/m^3
NO_x	:	6.9 – 20.5 µg/m^3
CO	:	228 - 835 µg/m^3
Mercury (Hg)	:	Concentration levels of Hg is BDL

WATER QUALITY :

Ground water samples have been collected at 8 stations along with surface water samples and analyzed for various Physico-Chemical & bacteriological parameters. The water samples are within the permissible limits of IS: 10500 & IS: 2296 for ground & surface water samples respectively.

NOISE LEVELS:

Noise levels were measured at 8 locations during day time & Night time. The noise levels at the monitoring stations are ranging 42.00 dBA to 61.35 dBA.

BOILER STACK DETAILS

A stack height of 73 m will be provided to the 100 TPH boiler for effective dispersion of sulphur dioxide emissions into the atmosphere. In the proposed 100 TPH Boiler, Electrostatic precipitator will be provided for effective treatment of flue gases from the boiler to bring down the particulate matter concentration in the exhaust gases to less than 30 mg/Nm^3. The boiler and the ESP will be interlocked in such a way that in case the ESP fails, the raw material feed to the boiler will stop and consequently there will be no steam generation in the Boiler. The following are the boiler stack details of the proposed Distillery project.

			with 100 % Imported coal	with 100 % Indian coal	Imported Coal + Biomass(49 : 51)
S.No.	**Parameter**	**Unit**	**For 1X12 MW**	**For 1X12 MW**	**For 1X12 MW**
1.	Number of Stacks		1	1	1
2.	Height of the stack	m	73	73	73
3.	Internal dia of stack	m	2.2	2.2	2.2
4.	Volumetric flow rate per stack	m^3/sec	68.4	76.0	57.0
5.	Exit velocity of flue gas	m/sec	18	20	15
6.	Temperature of flue gas	^0C	160	160	160
7.	SO_2 emission quantity	g/s	4.79	5.39	4.00
8.	NO_X emission quantity	g/s	4.79	5.32	4.00
9.	PM emission quantity (with ESP online)	g/s	1.44	1.60	1.20

NET RESULTANT MAXIMUM CONCENTRATIONS DUE TO THE PROPOSED PROJECT

The emissions from the proposed expansion project are PM10, SO2, NOx & CO. The predictions of Ground Level Concentrations have been carried out using ISC - 3 model. Meteorological data such as wind direction, wind speed, max. and min. temperature collected at the site have been used as input data to run the model. The following are details.

NET RESULTANT MAXIMUM CONCENTRATIONS DUE TO THE EXPANSION PROJECT
(if 100 % Imported Coal is used)

Item	PM_{10} ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_X ($\mu g/m^3$)	CO ($\mu g/m^3$)
Maximum baseline conc. in the study area	69.80	16.80	20.50	835.00
Maximum predicted incremental rise in Concentrations due to the proposed expansion project	0.12	0.40	0.40	--
Maximum predicted incremental rise in Concentrations due to the vehicular emissions during operation of expansion project	0.24	--	1.80	1.20
Net resultant concentrations during operation of the plant	**70.16**	**17.2**	**22.7**	**836.2**
National Ambient Air Quality Standards	**100**	**80**	**80**	**2000**

NET RESULTANT MAXIMUM CONCENTRATIONS DUE TO THE EXPANSION PROJECT
(if 100 % Indian Coal is used)

Item	PM_{10} ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_X ($\mu g/m^3$)	CO ($\mu g/m^3$)
Maximum baseline conc. in the study area	69.8	16.8	20.5	835
Maximum predicted incremental rise in Concentrations due to the proposed expansion project	0.12	0.41	0.40	--
Maximum predicted incremental rise in Concentrations due to the vehicular emissions during operation of expansion project	0.24	--	1.80	1.20
Net resultant concentrations during operation expansion of power plant	**70.16**	**17.21**	**22.7**	**836.2**
National Ambient Air Quality Standards	**100**	**80**	**80**	**2000**

NET RESULTANT MAXIMUM CONCENTRATIONS DUE TO THE EXPANSION PROJECT

(49% Imported Coal & 51 % Biomass is used)

Item	PM_{10} ($\mu g/m^3$)	SO_2 ($\mu g/m^3$)	NO_X ($\mu g/m^3$)	CO ($\mu g/m^3$)
Maximum baseline conc. in the study area	69.8	16.8	20.5	835
Maximum predicted incremental rise in Concentrations due to the proposed expansion project	0.11	0.38	0.38	---
Maximum predicted incremental rise in Concentrations due to the vehicular emissions due expansion project	0.24	--	1.80	1.20
Net resultant concentrations during operation of the plant	**70.15**	**17.18**	**22.68**	**836.2**
National Ambient Air Quality Standards	**100**	**80**	**80**	**2000**

Environmental Management Plan

Details of Boiler

The emissions of concern due to the proposed expansion power plant are Particulate Matter (PM), Sulphur dioxide, Oxides of Nitrogen and Fugitive dust. One stack of 73 m for the 100 TPH Boiler will be provided for effective dispersion of SO_2 emissions into the atmosphere.

- Electro Static Precipitator (ESP) will be provided to bring down the Particulate emission in the exhaust gas to less than 30 mg/Nm^3.
- Interlocking system will be provided to ESP, which will work in such a way that whenever ESP fails, the fuel feed to the boiler will stop and the boiler will trip down and there will be no power generation till the ESP is rectified.
- All the conveyors will be covered with GI sheets to prevent the fugitive dust emission into the atmosphere.
- Adequate dust suppression system like fog type and water spray system has been installed in the material unloading areas of existing plant. As there will be no change in coal storage quantity, no such additional systems will be required for the expansion project.
- Flue gas velocity of 22 m/s will be maintained.
- Low NOx burners will be provided to restrict the NOx emission to less than 100 mg/Nm^3.
- Sulphurdioxide emissions will be less than 100 mg/Nm^3.
- Mercury emissions will be less than 0.03 mg/Nm^3

- Extensive greenbelt already developed all around the plant area & proposed additional greenbelt will further reduce the air emissions
- All the existing internal roads are already asphalted. New internal roads proposed as part of capacity enhancement will also be asphalted. This will attenuate the fugitive dust emission further due to the vehicular movement.
- Water spraying will be done frequently at coal stock yard to control the fugitive dust.
- Dust extraction system with bag filters will be provided at material transfer points and junction towers.
- The net resultant Ground Level Concentrations (baseline concentration + max. predicted incremental rise in Concentration) of PM, SO_2 and NOx during the operation of both existing, expansion of the power plant will be within the National Ambient Air Quality Standards. Hence there will not be any adverse impact on the air environment due to the proposed 12 MW power plant.
- All the CREP recommendations will be implemented.

Wastewater generation

The wastewater generation from existing plant is 1200 KLD. The wastewater generated from the proposed expansion power plant will be 237.8 KLD. Total effluent generation from the existing and proposed expansion will be 1437.8 KLD. The liquid effluents from expansion mainly consist of Boiler blow down & DM plant regeneration.

The effluents Boiler blow-down and D.M. Plant regeneration generated from the expansion project will be treated in existing effluent treatment plant of designed capacity of 3,000 KLD. The residues generated will be utilized in sledge drying beds. No effluent will be sent outside the plant premises. Zero liquid effluent discharge system is being followed in the existing plant and similar practice will be maintained after expansion also.

ESP: Air Pollution Control Systems

The following will be the solid waste generation & proposed method of disposal from the 12 MW power plant.

Ash from	QUANTITY (TPD)	METHOD OF DISPOSAL
Indian coal (100 %)	93	The fly ash collected in silo in this process and is being disposed to Cement industries & brick manufacturers.
		Or
Imported coal (100 %)	24	The fly ash collected in silo in this process and is being disposed to Cement industries & brick manufacturers.
		Or
Biomass (Bagasse) + Imported coal	5.4 9.6	The fly ash collected in silo in this process and is being disposed to Cement industries & brick manufacturers.

NOISE POLLUTION CONTROL MEASURES

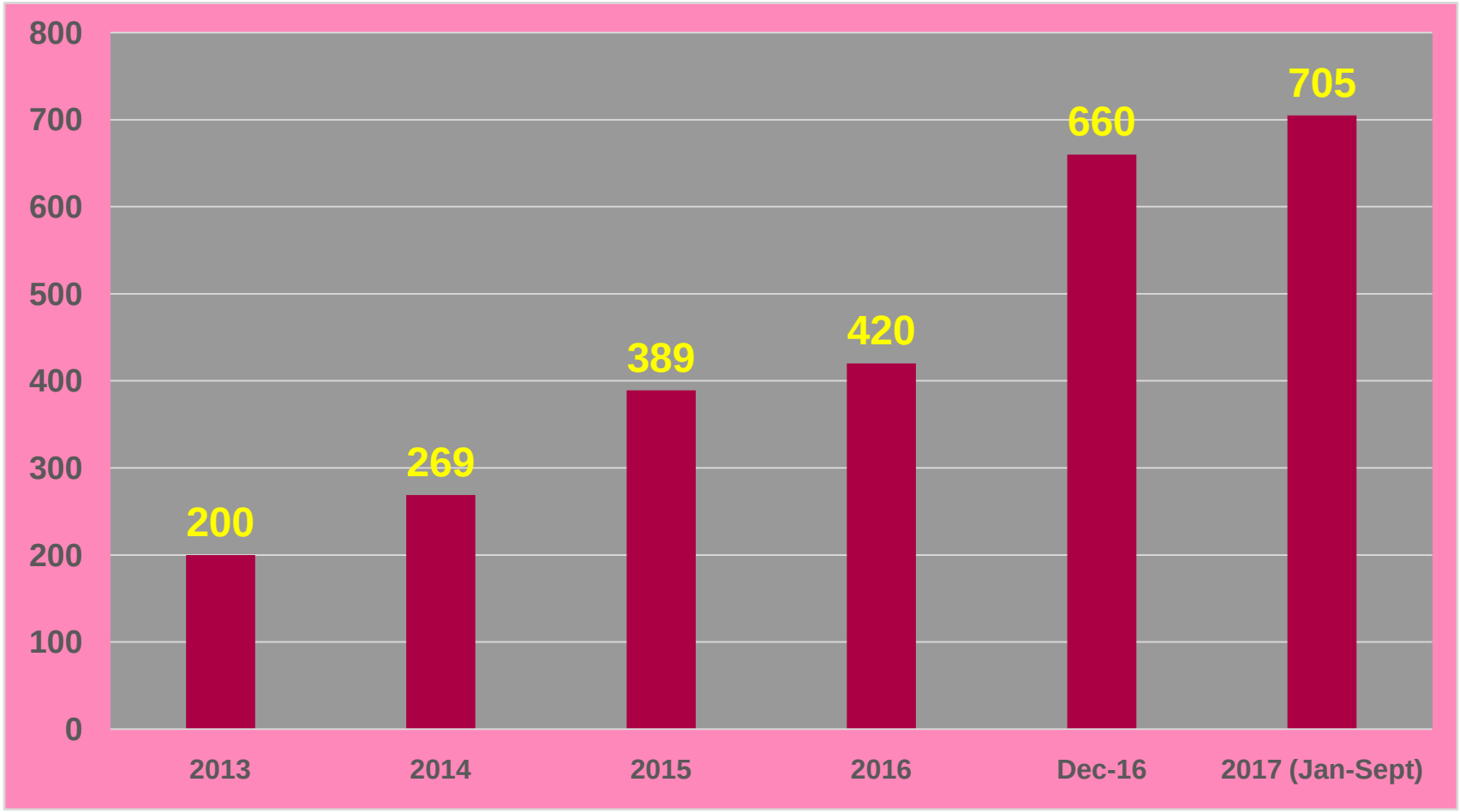
- The major noise generating sources in the proposed 12 MW power plant will be STG, boiler, feed pumps, D.G. Sets. Acoustic enclosures will be provided to STG. All machinery will be manufactured as per MoEF/OSHA & other international standards on noise levels. The major noise levels will be confined to the working zones of the plant. The Leq of eight hours will be within the prescribed standards. Acoustic enclosures are provided to the STG. Community noise levels are not likely to be affected due to the proposed green belt and attenuation due to the physical barriers. The ambient noise levels will be less than 75 dBA during day time & less than 70 dBA during night time

<u>Recommendations</u>

- Acoustic enclosures to be provided to STG.
- The impact can reduce by adopting shock absorbing techniques.
- The Noise absorption to improve by using hollow concrete blocks in the construction of the proposed Plant.
- Ear plugs to be provided to the workers and this shall be enforced strictly.
- Further greenbelt proposed to be developed will help in further attenuating the noise levels.

Advanced Waste Water Treatment Units

Recycle and Reuse of Treated Effluent: M3 / DAY



GREENBELT DEVELOPMENT PLAN

•Total land of the existing plant is 97.0 acres, out of which 37 acres (including additional as per advice of MOEF&CC to develop 100m wide greenbelt on river side) (38.1 % of total area) of Greenbelt has already been developed in the existing plant premises to mitigate the pollution impacts. In the existing plant/saplings of 11,135 numbers already exist. The following are the list of Plant Species and numbers existing in the plant premises

Sl. No.	Species Name	Population Nos.
1	Neem	1275
2	Ashoka	1000
3	Eucalyptus	2000
4	Subabal	1500
5	Mango	25
6	Arali	100
7	Nelli	50
8	Gulmohar	200
9	Akashir	200
10	Nerale	25
11	Wild Zali	2000
12	Fintofarm	300
13	Bamboo	300
Total		**8975**

The following are the list of ornamental plant Species and numbers existing in the plant premises

Sl. No.	Species Name	Population Nos.
1	Bogan Vella	500
2	Night Queen	150
3	Rose	150
4	Khabali	1000
5	Gagan Mallige	60
6	Habiscus	100
7	Ficos	200
Total		**2160**

COMMITMENT & SUSTAINING GREENARY ACROSS PREMISES :

RAINWATER HARVESTING

Rainwater harvesting structures have been constructed to harvest the run-off water from roof tops by laying a separate storm water drainage system for recharging of ground water. Rain harvesting has been taken-up in consultation with State Ground Water Board. The harvested water is being reused to meet plant water requirements.

The organisation is committed to adopt rain water harvesting schemes. The plant site is surrounded by hillocks and there are natural streams. Recently a survey is conducted by the group of engineers and the team is identified most suitable, compatible and wide area, where the rain water runoff from the hillocks can be collected.

The proposed area of dimensions are 90 mtr x 50 mtr x 4.5 mtr, which has a storage capacity of approx. 20,000 m3. Earthen work is completed, surrounding bunds have been constructed.

EMPLOYEMENT

The proposed expansion project creates employment to 200 people during construction and existing staff are adequate for operation of the proposed expansion project.

SOCIO ECONOMIC WELFARE ACTIVITIES (CSR ACTIVITIES TAKEN UP)

The following CSR activities are taken up in the nearby villages for the years 2015-16 & 2016-17.

EDUCATION			
SCHOOL NAME	**PLACE**	**WORK**	**BUDGET AMOUNT (IN RS.)**
Govt. Kannada Higher Primary school	Maradimatt	Midday meals shed, Flooring, Chain link fencing , Painting & RO Plant	7,27,002
Govt. Kannada Lower Primary school	Sindikurbet	Roof Work / Tiling / Wooden Beams / Painting of class rooms & RO plant	5,99,736
Abdul Kalam Primary and college	Gokak	Partions / RO Shed, RO plant	3,66,027
Govt. Kannada Higher Primary school	Lakshmi Badavani	Roof work, Toilet and Drinking water tank	2,38,217
Govt. Kannada Lower Primary school	Neibouring school	Flooring, Toilet renovation, Painting	1,11,500
Govt. First Grade degree college	Gokak	Plastering / Water Proofing /Complete Renovation of Kitchen & Toilets, Painting,	2,01,500
Govt Kannada Higher Primary School	Khangaon	Drinking water facility and Roof work, (RO plant)	3,53,350
High School & PU College	Ankalgi	Drinking water facility and Alu partation work, (RO plant)	3,57,650
Govt Kannada Higher Primary School	Benchanmaradi	Drinking water facility and flooring & aluminium paratition (RO plant)	3,12,350
Govt. KLPS Ashraibadavani	Gokak	Compound wall / Roof Work / Drinking Water Tank/ Fitting (RO Plant)	2,18,300
Total (A)			**34,85,632**
HEATH			
TB HIV Awareness Programme	Belgaum	Nutrional Supplements for Paediatric Patients	1,30,000
Total (B)			**1,30,000**
COMMUNITY DEVELOPMENT			
River Cleaning	Gokak	Water Weeds removal to the distance of 2 Kms in the Markandeya River which is a drinking water source for Gokak Town	2,00,000
Total (C)			**2,00,000**
Solar Street Lamps	Gokak	30 Solar street lamps installed all along the Gokak falls road - Distance covered 2.50 Kms	4,50,000
Total (D)			**4,50,000**
Sub Total (A+ B+ C+D)			**42,65,632**

CSR – RO PLANT INSTALLED TO FACILITATE CLEAN DRINKING WATER FOR PUBLIC & TOURISTS AT THE ENTRANCE OF THE GOKAK FALLS

CSR – INSTALLATION OF SOLAR STREET LAMPS ON THE WAY TO GOKAK FALLS FROM MARKANDEYA RIVER BRIDGE

CSR – INAUGURATION OF DRINKING RO PLANT AT ABDUL KALAM URDU SCHOOL, GOKAK BY HON`BLE MINISTER . SHRI. RAMESH JARKIHOLI GOVT OF KARNATAKA


31.5.2016 15:52

GOKAK: CSR ACTIVITIES:

BIODIVERSITY: UNIT HAS INITIATED TO CLEAN THE ADJACENT RIVER MARKHANDEYA FOR SEASONAL GROWING HYACINTH TO PROTECT ECOLOGY

BEFORE

AFTER

SOCIO ECONOMIC WELFARE ACTIVITIES (CSR ACTIVITIES PROPOSED)

A budget of Rs.35.0 Lakhs/ Annum has been earmarked CSR activities. The management is committed to uplift the standards of living of the villagers by undertaking following activities / responsibilities. The following CSR activities will be taken up in surrounding area and break up of expenditure for CSR activities.

S. No.	Item	Expenditure per Annum (Rs. in Lakhs)
1.	**Health care** ➢Dental camp ➢Eye camp ➢Awareness programmer on health ➢Supply of essential Medicines for chronic diseases(HIV, TB)	7.0
2.	**Education** ➢ Supply of Books, uniforms ➢Construction Toilets in Schools ➢Providing computers ➢Supply of sports materials ➢Supply of scientific equipment ➢Construction noon meal sheds	12.0
3.	**Community development** ➢Drinking water plants in villages ➢Cleaning of rivers ➢Providing solar street lamps in villages ➢Training to Rural women on self-employment ➢Sponsoring Rural sports ➢Promotion of local traditional arts & crafts ➢Training programme for farmers on scientific farming and advance techniques ➢Awareness programme on usage of organic manure	16.0
	TOTAL	**35.0**

COST FOR ENVIRONMENTAL PROTECTION

The detailed break up for environmental protection is furnished below

S.No.	Item	Cost (in Rs. lakhs)
1.	Air Emission Control Systems & Dust suppression systems	300
2.	Environment lab	20
3.	Storm water drains	25
4.	Greenbelt development & Landscaping at certain areas etc.	15
5.	Noise Level management	05
6.	Occupational Health & safety	100
7.	Waste lube oil storage & disposal	2
8.	Sludge removal, Storage	3
9.	Ash Management	50
	Total	**520**

Ghataprabha Bird Sanctuary

Proposed Action Plan for Environment Protection of Ghataprabha Bird sanctuary

Sl. No.	Particulars	Amount Rs in Lakhs
1	Construction of 1 Pond in depression of the Island with 2 waste weirs at Dhupdal	5.00
2	Improvement to habitat with planting trees useful for roosting & nesting of birds	5.00
3	Stabilization of the island's bank against flood erosion at Dupdal	3.00
4	Upgradation of watch tower, boating facilities and approach road in GBS for tourism	8.50
5	Creation of green belt- close to the CPP in the RF- Kannur	7.50
6	Eradication of Ipomia & planting of reeds/ other cuttings and Biological control of Parthenium LS	3.00
7	Deployment of anti-poaching waters during breeding season	3.50
8	L.S & unforeseen	0.50
Grand Total		36.00

EXPENDITURE FOR ENVIRONMENTAL MONITORING (PER ANNUM)

- Ambient Air Quality, Sack monitoring, Effluent analysis, Ground water quality, Noise levels will be monitored regularly as per CPCB norms and the analysis reports will be submitted to Ministry of Environment, Forest & Climate Change, Bangalore & State Pollution Control Board regularly. Online monitoring system will be installed to the stack.

- A third party will be engaged to monitor all the environmental parameters as per CPCB/SPCB norms.

- The annual budgetary allocation for environmental monitoring: Rs. 10.0 Lakhs.

THANK YOU