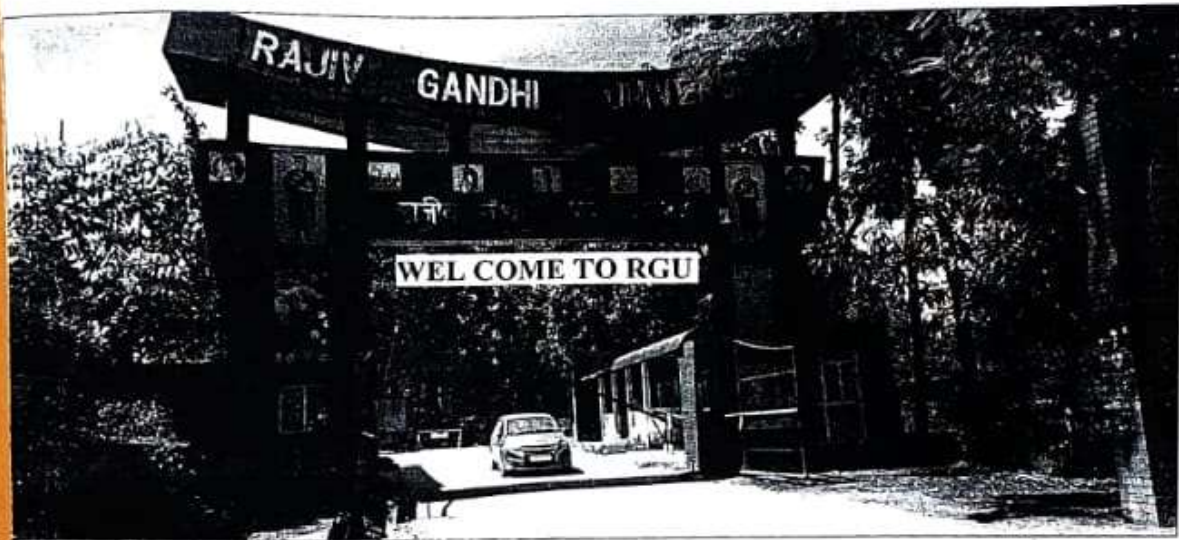


Divn. office Copy



GOVERNMENT OF ARUNACHAL PRADESH
PUBLIC HEALTH ENGINEERING & WATER SUPPLY DEPARTMENT



DETAILED PROJECT REPORT

Name of work : Augmentation of Water Supply to
Rajiv Gandhi University Campus
Rono Hills (through lift), Doimukh
Arunachal Pradesh

Head of Account : SIDF

Estimated cost : ₹ 2000.00 lakhs

PH&WS DIVISION, YUPIA

I N D E X


of work: Augmentation of water supply to Rajiv Gandhi University Campus Rono Hills (through lift),
 mukh.

Sl. No.	Sub-Head	Description/Particulars	Page No	Remarks
		Non Duplicity Certificate	1	
		Certificate for mandatory deduction of GST, Royalty etc.	2	
		Statement for GST & Labour Cess	3	
		Royalty statement for minor minerals	4	
		Land availability certificate	5	
		Source reliability certificate	6	
		Introduction & other write-ups	7	
		Summary of water demand & present status	22	
		Main Abstract of cost of the project	23	
		Population & water demand	24	
		Hydraulic designs of various components	26	
		Design of raw water main & sub mains	36	
	SH-I	Intake works	42	Annexure- I
	SH-II	Raw water main including anchoring, supports, crossings etc.	81	Annexure- II
	SH-III	Water treatment Plant	100	Annexure- III
	SH-IV	Sub-main & distribution network	170	Annexure- IV
	SH-V	Residential buildings/ accomodation	174	Annexure- V
	SH-VI	Miscellaneous: Approach road for WTP & Electircal feeder line	177	Annexure- VI
		Total quantity of materials as per TC	182	
		Silient features of project	183	
			185	
	Drawings	Intake well	186	
		Jack well	187	
		Submersible weir	188	
		Boulder crated wall for river protection	189	
		Raw water channel	190	
		Aerator	191	
		Flash mixer	192	
		Sedimentation tank	194	
		Clarifloculator	195	
		Rapid sand filter/ Filter house	197	
		Clear water reservoir	198	
		Water testing laboratory	199	
		Chemical house	200	
		Valve chamber		

CERTIFICATE REGARDING MANDATORY DEDUCTION OF GST, ROYALTY ETC & DEPOSIT IN STATE EXCHEQUER THROUGH TREASURY CHALLAN THEREOF.

This is to certify that being DDO of PHE & WS Division, Yupia (A.P.) shall deduct the possible amount being GST, Royalty, Income Tax etc from the billing amount after approval of estimate for the work "Augmentation of water supply to Rajiv Gandhi University Rono hills (high lift) Doimukh, Arunachal Pradesh" and shall deposit in Government's respective Revenue Head through treasury challan in time. Copy of treasury challan shall be furnished to respective department / office including Finance department.

In case of any discrepancies, I shall be personally held responsible.



(Er Tadar Ukap)
Executive Engineer
PHE & WS Division,
Yupia

at: Yupia
Date: 05/02/2019

5

**RAJIV GANDHI UNIVERSITY, RONO HILLS,
DOIMUKH.**

LAND AVAILABILITY CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify that, sufficient land measuring 200 m × 100 m (20,000 sqm) is available at the proposed site within the premises of Rajiv Gandhi University for construction of water, treatment plant and other infrastructure related works for Augmentation of water supply to Rajiv Gandhi University Campus Rono Hills (through lift), Doimukh, Arunachal Pradesh.



10.12.18


Registrar
Rajiv Gandhi University,
Rono Hills, Doimukh.



GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER
WATER RESOURCE DIVISION
YUPIA.

SOURCE RELIABILITY CERTIFICATE

This is to certify that as per records available the Pare River is a perennial source giving a minimum discharge of 0.950 cumecs during the lean period and that the discharge will remain same to till 30 years period. Hence, there is no problem to tap 10 MLD water from this source near Lekha village for "Augmentation of water supply to Rajiv Gandhi University Campus Rono Hills (through lift), Doimukh, Arunachal Pradesh.


Executive Engineer,
Water Resource Department,
Yupia Division,
Water Resources Division
Itanagar



GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER PHE & WS
DIVISION::YUPIA

NON-DUPLICITY CERTIFICATE

This to certify that the project "Augmentation of Water Supply to Rajiv Gandhi University Campus Rono Hills (through lift), Doimukh Arunachal Pradesh" amounting to Rs. 20.00 (Rupees Twenty Crores) only is neither sanctioned nor taken up for funding under any other programme of State or Central Government or any other agencies.

Place: - Yupia

Date: - 12/02/2019

Executive Engineer,
PHE & WS Division,
Yupia.

Deputy Commissioner,
Papum Pare District
Yupia.



**GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE EXECUTIVE ENGINEER PHE & WS
DIVISION::YUPIA**

NON-DUPLICITY CERTIFICATE

This to certify that the project "Augmentation of Water Supply to Rajiv Gandhi University Campus Rono Hills (through lift), Doimukh Arunachal Pradesh" amounting to Rs. 20.00 (Rupees Twenty Crores) only is neither sanctioned nor taken up for funding under any other programme of State or Central Government or any other agencies.

Place: - Yupia

Date: - 05/02/2019

**Executive Engineer,
PHE & W S Division
Yupia**

**Chief Engineer (WZ),
PHE & WS Department
Itanagar**

Countersigned by:-

Commissioner (PHE & WS)