NAME OF ULB- GONDA

Water Supply

1. Assess the Service Level Gap

The first step is to assess the existing situation and service levels gaps for Water Supply (AMRUT Guidelines; para 3 & 6). This will also include existing institutional framework for the sector. AMRUT is focused on improvement in service levels. The zone wise data shall be used in identifying the gaps. These zone-wise gaps will be added to arrive at city level service gaps. While assessing service level gap reply following questions not more than word indicated against each question.

Question: What kind of baseline information is available for water supply system of the city? Detail out the data, information, plans, reports etc related to sector. Is zone wise information available? (75 words)

NPP Gonda have departmental data regarding water supply ward wise information available.

Question: Have you collected census 2011 data? Are you aware of baseline survey data of MoUD? Have you correlated data from these and other sources? (75 words)

Yes we have Census data and the current format is being filled after procuring data.

Location of source of drinking water	Total Number of Households	Tapwater from treated source
Total Population= 114353		
Total	18,456	9,035
Within the premises	17,061	8,652
Near the premises	1,236	370
Away	159	13
Departmental Data Population 2015 aprox. 119722	19022	7023

What are existing service levels for water supply in the city? What is the coverage of water supply Connections? What is per capita supply of water? How much is the extent of metering? How much is non-revenue water? Provide information in table

Table: Status of Water Supply service levels

Sr. No.	Indicators	Present Status	MOUD Benchmark	Reliability
1	Coverage of water supply connections 7023/19022	36.92%	100%	D
2	Per capita supply of water 33.5 MLD/0.119	281LPCD	135 LPCD	D
3	Extent of metering of water connections	0 %	100%	A
4	Extent of non-revenue water	65 %	20%	D
5	Quality of water supplied	95 %	100%	D
6	Cost recovery in water supply services	33 %	100%	D
7	Efficiency in collection of water supply related charges	75 %	90%	D

Question: What is the gap in these service levels with regard to benchmarks prescribed by MoUD? (75 words)

As per above table it is clear that gap in service levels is as under:
1. Gap in coverage of water supply is 63.08 %
2. Gap in Per capita water availability
3. Gap in Metering is 100%.
4. NRW is about 45%
5. Quality of supplied water is 5%
6. Gap in Cost recovery is 67%
7. Gap in efficiency of water charges/tax collection is about 15%

SOURCE OF WATER AND WATER TREATMENT SYSTEM.

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the existing source of water? Is it surface water source or underground water source? What is the capacity of these sources?

Ground water through tube well. No of tubewell= 28 (11 tube well with discharge 16.5 MLD capacity and 17 tube well with 17 capacity is 17 MLD) Total capacity is 33.5 MLD

Question: Is there any treatment provided to water from these sources? How much water is required to be treated daily? What is the treatment capacity installed in the city?

Yes, for the underground water system we provide chloronization by dozer system.

Question: What per capita water supply in LPCD (liter per capita per day) comes out, if you divide total water supply by the total population.?

Per capita of water supply is 33.5/ 0.119 = 281.51 LPCD with NRW

DISTRIBUTION ZONES

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: City is divided in how many zones for water supply ?

NPP gonad has divided in 27 wards

Table: Zone Wise Coverage of Households

Question: Provide details of total no of Households (HH) in each zone, no of HH with and without water tap connections in the Table

Ward No.	Total No. of Households	Households with Water tap Connection	Households without Water tap Connection
1	680 HH	280 HH	400 HH
2	841 HH	149 HH	692 HH
3	1000 HH	0 HH	1000 HH
4	314 HH	255 HH	59 HH
5	832 HH	238 HH	594 HH
6	779 HH	236 HH	543 HH
7	788 HH	300 HH	488 HH
8	583 HH	105 HH	478 HH
9	848 HH	215 HH	633 HH
10	746 HH	234 HH	512 HH
11	580 HH	191 HH	389 HH

Ward No.	Total No. of Households	Households with Water tap Connection	Households without Water tap Connection
12	730 HH	270 HH	460 HH
13	548 HH	68 HH	480 HH
14	591 HH	320 HH	271 HH
15	745 HH	341 HH	404 HH
16	1363 HH	294 HH	1069 HH
17	836 HH	162 HH	674 HH
18	520 HH	305 HH	215 HH
19	787 HH	192 HH	595 HH
20	733 HH	702 HH	31 HH
21	821 HH	566 HH	255 HH
22	767 HH	435 HH	332 HH
23	359 HH	175 HH	184 HH
24	862 HH	305 HH	557 HH
25	384 HH	286 HH	98 HH
26	570 HH	205 HH	365 HH
27	415 HH	185 HH	230 HH
Total	19022 HH	7023 HH	11999 HH

STORAGE OF WATER

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the total water storage capacity in the city? What is capacity of elevated and ground water reservoirs?

Total Overhead Tank 12(7750) & 2 CWR(330) Total Storage Capacity is 8.080 ML

Question: In case of surface water, does city need to have ground level reservoirs to store raw treated water?

No surface water, because tube-wells are much more successful for in this area.

Question: Is water being supplied to consumers through direct pumping or through elevated reservoirs?

Through elevated reservoirs and by direct pumping both the means .

Question: Is storage capacity sufficient to meet the cities demand ?

No storage capacity is not sufficient to meet the city demand as per water production in the city. Total water production is 33.5/3 = 11.16 storage capacity is requird and existing capacity is 8.080

DISTRIBUTION NETWORK

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: What is the total length of water supply distribution pipe line laid in the city?

The Total length of Distribution network is 138 Km.

Question: What is the total road length in the city? Is the pipe lines are laid in all streets? Is the objective of universal coverage of water supply pipe line is achieved?

Total Road Length is 147 KM in Gonda City.Pipe is not laid in all the streets ,the objective of universal coverage is achieved yet.

Question: What are the kind of pipe materials used in distribution lines?

CI, DI,PVC etc.

Question: Provide zone wise details of street length with and without water distribution lines in the Table?

Table: Zone Wise length of distribution network

Ward No.	Total Street Length	Street length with water distribution pipe line	Street length without water distribution pipe line
1	8KM	8 KM	Nil
2	5KM	5 KM	Nil
3	2 KM	0 KM	2 KM
4	11KM	11 KM	Nil

Ward No.	Total Street Length	Street length with water distribution pipe line	Street length without water distribution pipe line
5	3 KM	3 KM	Nil
6	5 KM	5 KM	Nil
7	6 KM	6 KM	Nil
8	6 KM	5 KM	1 KM
9	3 KM	3 KM	Nil
10	5 KM	5 KM	Nil
11	6 KM	6 KM	Nil
12	11 KM	11 KM	Nil
13	5 KM	4 KM	1 KM
14	3 KM	3 KM	Nil
15	4 KM	4 KM	Nil
16	4 KM	4 KM	Nil
17	6 KM	5 KM	1 KM
18	4 KM	4 KM	Nil
19	6 KM	4 KM	2 KM
20	6 KM	6 KM	Nil
21	6 KM	6 KM	Nil
22	5 km	5 km	Nil
23	5 km	5 km	Nil
24	8 km	6 km	2 KM
25	4 km	4 km	Nil
26	5 km	5 km	Nil
27	4 km	4 km	Nil
Total	147 KM	138 KM	9 KM

INSTITUTIONAL FRAMEWORK

Please provide information in 150 words on the above responding to (however not limited to) following questions.

Question: Define role and responsibilities in terms of O&M, policy planning, funding, service provision in table

Table: Functions, roles, and responsibilitis

Planning and Design	Construction/ Implementation	O&M
UP Jal Nigam	UP Jal Nigam	Nagar Palika Parishad Gonda

Question: How city is planning to execute projects ?

The schemes of water supply are formulated by UPJN and also executed by UPJN. after execution such schemes are handover to Jalkal Vibhag Gonda.

Question: Shall the implementation of project be done by Municipal Corporation or any parastatal body? Please refer para 8.1 of AMRUT guidelines.

Implementation of the project shall be done by State Level Parastatal Agency U.P. Jal Nigam. And smller project is done by NPP Gonda itself.

2. Bridge the Gap

Once the gap between the existing Service Levels is computed, based on initiatives undertaken in different ongoing programs and projects, objectives will be developed to bridge the gaps to achieve universal coverage. (AMRUT Guidelines; para 6.2 & 6.3, Annexure-2; Table 2.1). Each of the identified objectives will be evolved from the outcome of assessment and meeting the opportunity to bridge the gap.

Question: List out initiatives undertaken in different ongoing programs and projects to address these gaps. For this provide details of ongoing projects being carried out for sector under different schemes with status and when the existing projects are scheduled to be completed? Provide information in Table

Table: Status of Ongoing/ Sanctioned

S.No.	Name of Project	Scheme Name	Cost	Month of Compilation	Status (as on dd mm 2015)
-	-	-	-	-	-

Question: How much the existing system will able to address the existing gap in water supply system? Will completion of above will improve the coverage of network and collection efficiency? If yes, how much. (100 words)

No ongoing project

Question: Does the city require additional infrastructure to improve the services? What kind of services will be required to fulfill the gap?

Yes city requires additional infrastructure to improve the services. Like laying of pipelines to unserved areas, augmentation of storage of raw water, augmentation of storage capacity in different zones.

Question: How does the city visualize to take the challenge to rejuvenate the projects by changing their orientation, away from expensive asset replacement programs, to focusing on optimum use of existing assets?

The focus under AMRUT shall be to increase the coverage, thus focus will be on optimum utilisation of existing assets.

Question: Has city conducted assessment of Non RevenueWater ?if yes, what is the NRW level? Is city planning to reduce NRW ?

No, but in future NPP has planned to assess of NRW and reducing of it with the help of automation system from 45% NRW

Question: Based on assessment of existing infrastructure and ongoing / sanctioned projects, calculate existing gaps and estimated demand by 2021 for water supply pipe network, number of household to be provided with tap connections, and required enhancement in capacity of water source/ treatment plant (MLD). Gaps in water supply service levels be provided as per Table

Component	2015			2021	
	Present	Ongoing	Total	Demand	Gap
Source	33.5 MLD	-	**33.5** MLD	17.75 MLD	Surplus
Treatment capacity	33.5 MLD	-	**33.5** MLD	**17.75** ML	Surplus
Elevated Storage capacity	8.080 ML	-	8.080 ML	**5.9** ML	Surplus
Distribution network coverage	138 KM	-	138 KM	**147** KM	**09** KM

OBJECTIVES

Based on above, objectives will be developed to bridge the gaps to achieve universal coverage. While developing objectives following question shall be responded so as to arrive at appropriate objective.

Please provide List out objectives to meet the gap in not more than 100 words.

The main objective of NPP Gonda is,

1. Enhance the household connection

2. Increase the universal coverage to unserved area

3. Reduce NRW Water

4. Improve quality of water

5. Efficiency in charges collection.

Question: Does each identified objectives will be evolved from the outcome of assessment?

Objectives	**Activities for fill the GAP**
To achieve the Universal coverage	Regularized illegal connection- 2012 HH X5000 Rs 9 km line is be required to achieved 100% coverage @ .35cr
To Reduce the NRW	Automation of Tubewell through SCADA
	Strengthening the Zoning of water supply system
Improve quality of water	Establishment of water testing LAB
	Mobile Water testing LAB
Efficiency in charges collection	Online billing, spot billing machine,
	Expansion of payment collection center

Question: Does each objective meet the opportunity to bridge the gap?

Yes, each objective meets the opportunity to bridge the gap

3. Examine Alternatives and Estimate Cost

The objective will lead to explore and examine viable alternatives options available to address these gaps.. These will include out of box approaches. (AMRUT Guidelines; Para 6.4 & 6.8 & 6.9). This will also include review of smart solutions. The cost estimate with broad source of funding will be explored for each. While identifying the possible activities, also examine the ongoing scheme and its solutions including status of completion, coverage and improvement in O&M. Please provide information on the above responding to (however not limited to) following questions.

Question: What are the possible activities and source of funding for meeting out the objectives? (75 words)

The source of funding of activities shall be: 1. AMRUT, 2. 14th Finance Commission 3. State Government Funds

Question: How can the activities be converged with other programme like JICA/ ADB funded projects in the city etc? (100 words)

No on going project like JICA/ ADB

Question: What are the options of completing the ongoing activities? (75 words)

NA

Question: How to address the bottlenecks in the existing project and lessons learnt during implementation of these projects? (75 words)

No ongoing project.

Question: What measures may be adopted to recover the O&M costs? (100 words)

The O&M cost shall be recovered by: 1. Increasing the coverage of water supply to unserved areas, 2. By increasing user charges 3. By reducing NRW

Question: Will metering system for billing introduced?

Yes, in future NPP will introduce Metering System.

Question: Whether reduction in O&M cost by addressing NRW levels be applied? (75 words)

Yes, NRW levels will be reduced to enhance O&M Cost.

Question: Does each objective meet the opportunity to bridge the gap?

Yes, objectives have been identified to bridge the current service level gaps

THE ALTERNATIVE ACTIVITIES TO MEET THESE ACTIVITIES BE DEFINED AS PER TABLE

Table: Alternative Activities To Meet Objectives

Sr. No.	Objective	Activities	Cost Cr	Financing Source
1	**To achieve the Universal Coverage**	**Regularized illegal connection- 866 HH x 5427 Rs -.0.47 cr**	**3.62Cr**	AMRUT/State and ULB
		9 km line is be required to achieved 100% coverage- 3.15 cr		AMRUT/State and ULB
2	**To Reduce the NRW**	**Automation of Tube wells through SCADA- 3 cr**	**5.5 Cr**	AMRUT/State and ULB

Sr. No.	Objective	Activities	Cost Cr	Financing Source
		Strengthening the Zoning of water supply system- 2.5 cr		AMRUT/State and ULB
3	**Improve quality of water**	**Establishment of water testing LAB**	**0.4 Cr**	AMRUT/State and ULB
		Mobile Water testing van with full equipped 2 nos.	**0.4 Cr**	AMRUT/State and ULB
4	**Efficiency in charges collection**	**Online billing, spot billing machine, Expansion of payment collection center**	**0.5 Cr**	AMRUT/State and ULB
	Total		**10.42 Cr**	AMRUT/State and ULB

4. Citizen Engagement

ULBs will organize and conduct city level citizen consultation and receive feedback on the suggested alternatives and innovations. Each alternative will be discussed with citizens and activities to be taken up will be prioritized to meet the service level gaps. ULB will prioritize these activities and their scaling up based on the available resources. (AMRUT Guidelines; Para 6.6, 6.7 & 7.2). Please explain following questions in not more than 200 words detailing out the needs, aspirati

ons and wishes of the local people.

Question: Has all stakeholders involved in the consultation?

Yes, all stakeholders- Board member, citizen, ward elected member, is being involved in the consultation- Railly and meeting in NPP Gonda on 25/06/2015,& 1/10/2015 on AMRUT & SBM

Question: Has ward/ zone level consultations held in the city?

Yes, ward/ zone level consultations is being held in the city, Railly and meeting in NPP Gonda on 25/06/2015,& 1/10/2015 on AMRUT & SBM

Question: Has alternative proposed above are crowd sourced?

Yes the alternatives proposed above are crowd sourced.

Question: What is feedback on the suggested alternatives and innovations?

Each Feedback & suggested alternatives and innovations are being considered in formulation of project.

Question: Has alternative taken up for discussions are prioritized on the basis of consultations?

Yes, alternatives taken up for discussions are prioritized on the basis of consultations

Question: What methodology adopted for prioritizing the alternatives?

Alternatives have been prioritized based on demand raised through consultation with citizens, officials and parastatal agencies.

5. Prioritize Projects

Based on the citizen engagement, ULB will prioritize these activities and their scaling up based on the available resources to meet the respective objectives. While prioritizing projects, please reply following questions in not more than 200 words.

Question: What are sources of funds?

The source of funding of activities shall be: 1. AMRUT, 2. 14th Finance Commission 3. State Government Funds

Question: Has projects been converged with other program and schemes?

There is no other scheme running in the city.

Question: Has projects been prioritized based on “more with less” approach?

Yes the projects are being prioritized based on “more with less” approach universal coverage through IEC activites.

Question: Has the universal coverage approach indiated in AMRUT guidelines followed for prioritization of activities?

Yes,

6. Conditionalities

Describe in not more than 300 words the Conditionalities of each project in terms of availability of land, environmental obligation and clearances, required NOC, financial commitment, approval and permission needed to implement the project.

Public awareness to increase the coverage of water supply coverage, Augmentation of water supply system No need of Land, environment clearance and NoC for meet the GAP for universal coverage, No Further NOC's Required.

7. Resilience

Required approvals will be sought from ULBs and competent authority and resilience factor would be built in to ensure environmentally sustainable water supply scheme. Describe in not more than 300 words regarding resilience built in the proposals.

Disaster and environmental related factor will be considered while preparation of DPRs

8. Financial Plan

Once the activities are finalized and prioritized after consultations, investments both in terms of capital cost and O&M cost has to be estimated. (AMRUT Guidelines; para 6.5) Based on the investment requirements, different sources of finance have to be identified. Financial Plan for the complete life cycle of the prioritized development will be prepared. (AMRUT Guidelines; para 4, 6.6, 6.12, 6.13 & 6.14). The financial plan will include percentage share of different stakeholders (Centre, State and City) including financial convergence with various ongoing projects. While preparing finance plan please reply following questions in not more than 250 words

Question: How the proposed finance plan is structured for transforming and creating infrastructure projects?

As per the guidelines of the AMRUT, the structured plan of the project will be developed.The share of State and ULB will be decided.

Question: list of individual projects which is being financed by various stakeholders ?

There is no such individual project.

Question: Has financial plan prepared for identified projects based on financial convergence and consultation with funding partners?

Yes, financial plan prepared for identified projects are based on financial convergence and consultation with funding partners.GOI,State and ULB

Question: Is the proposed financial structure is sustainable? If so then whether project has been categorized based on financial considerations ?

Yes, the proposed financial structure is sustainable and project has been categorized based on financial considerations.

Question: Have the financial assumptions been listed out ?

Yes, financial assumptions have been listed out

Question: Does financial plan for the complete life cycle of the prioritized development?

yes, financial plan has been done for the complete life cycle of the prioritized development

Question: does financial plan include percentage share of different stakeholders (Centre, State, ULBs)

Yes, financial plan include percentage share of different stakeholders (Centre, State and ULB)

Question: Does it include financial convergence with various ongoing projects.

Yes, it includes financial convergence with various ongoing projects

Question: Does it provide year-wise milestones and outcomes ?

Yes, year-wise milestones and outcomes have been provided.

DETAILS IN FINANCIAL PLAN SHALL BE PROVIDED AS PER TABLE 8.1, 8.2, 8.3, 8.4 AND 8.5. THESE TABLES ARE BASED ON AMRUT GUIDELINES TABLES 2.1, 2.2, 2.3.1, 2.3.2, AND 2.5.

Table 8.1 Master Plan of Water Supply Projects for Mission period
(As per Table 2.1of AMRUT guidelines)

(Amount in Rs. Cr)

S.No.	Project Name	Priority number	Year in which to be implemented	Year in which to be completed	Estimated Cost
1	**Regularized illegal connection- 866 HH x 5427 Rs -.0.47 cr 9 km line is be required to achieved 100% coverage.**	1	2016	2018	**3.62 cr**
2	**Automation of Tubewells through SCADA**	2	2016	2020	**3 cr**
3	**Strengthening the Zoning of water supply system**	3	2016	2020	**2.5 cr**
4	**Establishment of water testing LAB**	4	2016	2019	**0.4 cr**
5	**Mobile Water testing van with full equipped 2 nos.**	4	2016	2019	**0.4 cr**
6	**Online billing, spot billing machine, Expansion of payment collection center**	5	2016	2019	**0.5 cr**

S.No.	Project Name	Priority number	Year in which to be implemented	Year in which to be completed	Estimated Cost
Total					**10.42 Cr**

MASTER SERVICE LEVELS IMPROVEMENTS DURING MISSION PERIOD

(As per Table 2.2 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	Project Name	Physical Components	Change in Service Levels			Estimated Cost (Cr.)
			Indicator	Existing (As-ls)	After (To-be)	
1	**Regularized illegal connection- 866 HH x 5427 Rs - 0.47 cr**	**Regularized illegal connection-866**	Coverage of water supply connections	37.96%	100	**3.62 Cr**
2	**9 km line is be required to achieved 100% coverage- 3.15 cr**	**New Pipe line**	Coverage of water supply distribution network	37.96%	100%	
3	**Automation of Tubewells 28 no through SCADA**	**Automation**	Extent of NRW	65 %	20 %	**3 CR**
4	**Strengthening the Zoning of water supply system**	**Zoning of water supply system**	Extent of NRW	65%	20%	**2.5 CR**
5	**Establishment of water testing LAB**	**Water treatment lab**	Quality of water	95%	100	**.4 CR**

Sr. No.	Project Name	Physical Components	Change in Service Levels			Estimated Cost (Cr.)
			Indicator	Existing (As-ls)	After (To-be)	
6	**Mobile Water testing van with full equipped 2 nos.**	**Water treatment van/lab**	Quality of water	95%	100	**.4 CR**
7	**Online billing, spot billing machine, Expansion of payment collection center**	**SBM & online billing**	Cost recovery in water supply system	33%	100	**0.5 CR**
Total						**10.42Cr**

ANNUAL FUND SHARING PATTERN FOR WATER SUPPLY PROJECTS

(As per Table 2.3.1 of AMRUT guidelines)

(Amount in Rs. Cr)

Sr. No.	name of Project	Total Project Cost	Share				
			GOI	State	ULB	Others	Total
1	**Regularized illegal connection- 866 HH x 5427 Rs -0.47 cr**	**3.62 Cr**	1.81 Cr	1.81 Cr	-	-	**3.62 Cr**
2	**9 km line is be required to achieved 100% coverage- 3.15 cr**						

Sr. No.	name of Project	Total Project Cost	Share				
			GOI	State	ULB	Others	Total
3	**Automation of 28 Tubewells through SCADA**	**3 Cr**	1.5	1.5	-	-	**3 cr**
4	**Strengthening the Zoning of water supply system**	**2.5 Cr**	1.25	1.25	-	-	**2.5 cr**
5	**Establishment of water testing LAB**	**.4 Cr**	0.2	0.2	-	-	**.4 cr**
6	**Mobile Water testing van with full equipped 2 nos.**	**.4 Cr**	0.2	0.2	-	-	**0.4 cr**
7	**Online billing, spot billing machine, Expansion of payment collection center**	**.5 Cr**	0.25	0.25	-	-	**0.5 cr**
Total		**10.42 Cr**	**5.21 Cr**	**5.21 Cr**			**10.42 Cr**

ANNUAL FUND SHARING BREAK-UP FOR WATER SUPPLY PROJECTS

(As per Table 2.3.2 of AMRUT guidelines)

Sr. No.	Project	GOI	State			ULB			Convergence	others	Total
			14th FC	Others	Total	14th FC	Others	Total			
1	**Regularized illegal connection- 866**	50%	-	50%	-	-	-	-	-	-	**100%**

Sr. No.	Project	GOI	State			ULB			Convergence	others	Total
			14th FC	Others	Total	14th FC	Others	Total			
	HH x 5427 Rs - 0.47 cr										
2	**9 km line is be required to achieved 100% coverage- 3.15 cr**	50%	-	50%	-	-	-	-	-	-	**100%**
3	**Automation of Tubewell through SCADA**	50%	-	50%	-	-	-	-	-	-	**100%**
4	**Strengthening the Zoning of water supply system**	50%	-	50%	-	-	-	-	-	-	**100%**
5	**Establishment of water testing LAB**	50%	-	50%	-	-	-	-	-	-	**100%**
6	**Mobile Water testing van with full equipped 2 nos.**	50%	-	50%	-	-	-	-	-	-	**100%**
7	**Online billing, spot billing machine, Expansion of payment collection center**	50%	-	50%	-	-	-	-	-	-	**100%**

YEAR WISE PLAN FOR SERVICE LEVELS IMPROVEMENTS

(As per Table 2.5of AMRUT guidelines)

Proposed Projects	Project Cost	Indicator	Baseline	Annual Targets (Incremet from the Baseline Value)					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
Regularized illegal connection- 866 HH x 5427 Rs -0.47 cr	**3.62 Cr**	Coverage of water supply	37.96 %	-	50%	75 %	100 %	-	-
9 km line is be required to achieved 100% coverage- 3.15 cr		Coverage of water supply	37.96 %	-	50%	75%	100 %	-	-
Automation of Tube-well through SCADA	**3 cr**	Extent of NRW	65 %	60%	55%	40%	30%	25 %	20 %
Strengthening the Zoning of water supply system	**2.5 cr**	Extent of NRW	65 %	60%	55%	40%	30%	25 %	20 %
Establishment of water testing LAB	**.4 cr**	Quality of water	95 %	96%	97%	98%	99%	100 %	100 %
Mobile Water testing van with full equipped 2 nos.	**.4 cr**	Quality of water	95 %	96%	97%	98%	99%	100 %	100 %
Online billing, spot billing machine, Expansion of	**0.5 cr**	Cost recovery in water supply	33 %	35%	40%	60%	80%	90 %	

Proposed Projects	Project Cost	Indicator	Baseline	Annual Targets (Incremet from the Baseline Value)					
				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020
				H1	H2				
payment collection center		system							
Total	**10.42 Cr**								