



SALIENT FEATURES OF WATER SUPPLY SCHEME SOGAM OLD

1.	Name of Scheme	:	W.S.S. Sogam (Old).
2.	Name of District	:	Kupwara.
3.	Name of Tehsil/Block	:	Sogam
4.	Name of Constituency	:	Lolab.
5.	Source of Scheme	:	Springs / Nallah.
6.	Type of Source	:	Surface Water.
7.	Type of Scheme	:	Gravity.
8.	Present Rate of Supply	:	15-25LPDC
9.	Proposed Rate of Supply	:	70LPDC
8.	POPULATION:		
	a) Present 2018	:	10159 Souls.
	b) Designed 2050	:	20321 Souls.
13	ESTIMATED COST	:	Rs.295.00Lacs
14	PER CAPITA COST:		
	a) As per Present Population	:	Rs.2,904.00
	b) As per Designed Population	:	Rs.1,452 .00
15.	YEAR OF START	:	2018 - 2019
16.	YEAR OF COMPLETION	:	2020 - 2021
17.	EXECUTING AGENCY	:	KASHMIR PHE DEPTT. THROUGH PHE DIVISION KUPWARA


Jr. Engineer


Assistant Executive Engineer
P.H.E. Sub Division Sogam


Executive Engineer
P.H.E. Division Kupwara

TECHNICAL REPORT FOR WATER SUPPLY SCHEME

SOGAM (OLD)

HISTORY & NECESSITY:

The village Sogam is about 16Kms from District Headquarter having acute shortage of water. Major administrative offices are located in the village and is emerging as town At present the water is being supplied through the original SR's, which have lived their life and are leaking profusely resulting in acute shortage of drinking water. At present there are 3 No. SR's working of capacity 0.20Lac Gallons each at Sheikhnar & Sarinar and are without any filtration plant. A project was submitted to augment the old scheme, but could not be executed due to non-availability of funds only Rs.10.00Lacs are spend on the scheme, which was formulated in 2014-15 to overcome the deficiency and provide adequate supply. An SR at Sheikhnar of capacity 1.00Lac Gallons is proposed with 2 No. Filtration Plants at Sheikhnar and Sarinar, so that portable drinking water is supplied to the areas. At present raw water is being supplied to the people and needs immediate attention.

PROPOSSALS:

1. Construction of Filtration Plants with PS Tanks:

Since raw water is being provided to the consumers at present and it contains various contaminating elements and is inspection to provide treated / purified water for which 02No. filtrations

of 0.1MGD capacity are proposed with pre-settling tanks at Sheikhnar & Sarinar.

2. Construction of 02 No. Intake Chambers:

Two No Intake Chambers are proposed to avoid heavy and suspended material flow in pipe network.

3. Const. of 02No. H/Works at Sheikhnar & Sarinar

The source being Nallah Head Works is proposed to provide required discharge to pipe network and subsequently prevent on and off disruption of water supply.

4) Providing Chain Link Fencing around Structures:

The vital structures are located on isolated plan, need protection to avoid damages and contamination of water for which chain link fencing is proposed with concrete footing.

5) Construction of 1.00Lac Gallons SR at Sheikhnar:

Additional SR of capacity 1.00Lac Gallons is proposed at Sheikhnar to get the required quantities of water for the consumer, which shall be constructed circular in shape having dome type covering in RCC mix.

6) Improvements to 2 No. SR (Old):

The old SR's are leaking profusely being constructed I early sixties in RR Masonry need

repairs, so that full capacity is made available to meet up demand.

7) Improvements to old pipe network.

The scheme is oldest one and pipe network has almost got emolded/damaged and is presently being used on double collars and other tempering measures needs to b replaced at various spots for which provision has been kept in the project.

COST OF THE SCHEME:

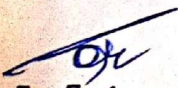
The revised cost of the scheme works out to Rs.295.00Lacs. An amount of Rs.10.00Lacs stands incurred on the scheme till date and Rs.285.00Lacs is required for completing and commissioning of the scheme.

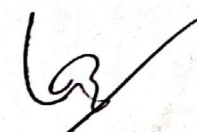
TIME OF COMPLETION:

The work is proposed to be completed in three working seasons subject to the availability of funds & materials required for the scheme.

RECOMMENDATION:

To meet up the demand and provide potable water to the consumer the scheme is strongly recommended for its implementation.


Jr. Engineer


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