

GOVERNMENT OF JAMMU AND KASHMIR

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31-10-08



O/C

KASHMIR PUBLIC HEALTH ENGINEERING DEPARTMENT

DETAILED
PROJECT REPORT
For
WATER SUPPLY SCHEME
PALNARD CHANDIGAM
Under
J K I D F C
(LANGUISHING PROGRAMME)

PUBLIC HEALTH ENGINEERING DIVISION KUPWARA

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SALIENT FEATURES OF WATER SUPPLY SCHEME PALNARD CHANDIGAM

1.	Name of Scheme	:	W.S.S. Palnard Chandigam.
2.	Name of District	:	Kupwara.
3.	Name of Tehsil / Block	:	Sogam / Sogam.
4.	Name of Constituency	:	Lolab.
5.	Type of Scheme	:	Gravity
6.	Proposed Rate of Supply	:	55LPCD
7.	POPULATION:		
	a) Present Population.	:	500 Souls
	b) Designed Population.	:	874 Souls
8.	ESTIMATED COST:		
	a) Original Cost.	:	Rs.39.40Lacs
	b) Revised Cost.	:	Rs.54.69Lacs
9.	COST PER CAPITA:		
	c) As per Present.	:	Rs.10,938.00
	d) As per Designed.	:	Rs.6,257.00
9.	Expenditure ending 3/2018	:	Rs.38.63Lacs
10.	Amount Required	:	Rs.16.06Lacs (0.77+15.29)
11.	TIME OF COMPLETION	:	01 WORKING SEASON.
12.	EXECUTING AGENCY	:	KASHMIR PHE DEPARTMENT THROUGH PHE DIVISION KUPWARA.


Jr. Engineer


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



Executive Engineer
P.H.E. Division Kupwara


FEASIBILITY CERTIFICATE

NAME OF THE WATER SUPPLY SCHEME: *PALNARD CHANDIGAM*

It is certified that DPR of this scheme has been prepared after determining the technical feasibility. The proposals are strictly devised and designed as per relevant codes of Bureau of Indian Standard and Sound Engineering Practices and most suitable under site conditions.


Jr. Engineer


Asstt. Ex. Engineer
PHE Sub-Div.
Sogam


Executive Engineer
Special PHE Division,
Kupwara


NO DUPLICACY CERTIFICATE


NAME OF THE WATER SUPPLY SCHEME: *PALNARD CHANDIGAM*

Certified that:

1. The Scope of the above scheme is not duplicated in any On-going Project Report.


Jr. Engineer


Asstt. Ex. Engineer
PHE Sub-Div.
Sogam


Executive Engineer
Special PHE Division,
Kupwara


SOURCE CERTIFICATE

NAME OF THE WATER SUPPLY SCHEME: *PALNARD CHANDIGAM*

Certified that:

1. The source of the scheme is free from any encumbrances.
2. Discharge available is adequate and will cater to the needs of the designed population proposed to be covered under the scheme.
3. The source will not adversely affect water supply scheme in case source has been tapped from the existing scheme.
4. The scheme has been properly investigated and proposals have been made viable after taking into account Techno-Economical consideration.


Jr. Engineer


Asstt. Ex. Engineer
PHE Sub-Div.
Sogam


Executive Engineer
Special PHE Division,
Kupwara

TECHNICAL REPORT FOR WATER SUPPLY SCHEME PALNARD CHANDIGAM

LOCATION & NECESSITY:

Palnard Chandigam is a habitation of village Chandigam (Lolab) of District Kupwara and was facing acute shortage of water for which a project report was envisaged under NRDWP for an amount of Rs.59.62Lacs which was approved for a restricted amount of Rs.39.40Lacs and was put to execution. However some important items are needed like pre-settling tank and repairs to old S.R, so that full benefits are achieved and people are provided with drinking water facility, people are migrating from inner areas and now habitations are coming into existence to cover these uncovered population, some more pipes and other structures are required for which additional amount of Rs.16.06Lacs is required.

PROPOSALS:

The following proposals are envisaged to cover the habitations with assured water supply facilities:

1) *Laying and Fitting of Pipes:*

The pipes are required to cover the whole population and shall be laid underground.

2) *Construction of Pre-Sedimentation Tank:*

The water has been tapped directly from source inside the Jungle and needs treatment, so that the suspended materials and other un-wanted material is neutralized before entering the storage tank, the sedimentation tank is proposed to be constructed in rectangular in shape with 03hours detention period, and other requirements shall be constructed in RCC framed structure.

3) Repairs to existing Service Reservoir:

The existing old service reservoir is leaking and needs repairs, so that full storage is assured. The proposal is to provide bed treatment and inner plastering with rich mix and water proofing material, so that treated water is saved and assured water supply is provided to the inhabitants.

COST OF THE SCHEME:


The revised cost of the scheme works out to Rs.54.69Lacs. An amount of Rs.38.63Lacs stands incurred on the scheme till date and Rs.16.06Lacs is required for completing and commissioning of the scheme.

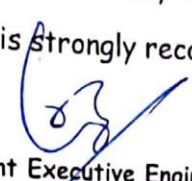
TIME OF COMPLETION:

The scheme shall be completed within one (01) working season subjected to the availability of funds and key construction material made available well in time.

RECOMMENDATIONS:

Through there will be no revenue, but to lift the living standards of socially and economically backward people, the project is strongly recommended for its implementation.


Jr. Engineer


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


Executive Engineer
P.H.E. Division Kupwara

POPULATION CHART & WATER REQUIREMENT FOR WATER SUPPLY SCHEME PALNARD CHANDIGAM


S. No.	Name of Village / Habitation	Census Code	Population as on 2011 (Souls)	Present Population (Souls)	Designed Population (Souls)	Remarks
1.	Chandigam (Gujjar Basti)	00036	3482 11% = 385	500	874	
	Total		385 Souls	500 Souls	874 Souls	

Water Requirement:

Designed Population : 874Souls
 Rate of Supply : 55LPCD
 Water Requirement (874 x 55) : 48070Litres/day
 Add 15% for system losses : 7210Litres/day
 Total water requirement : 55280Litres/day
 Or : 12176Gallons
 Half Day Capacity : 6088Gallons
 Say 6000Gallons


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P.H.E. Division Kupwara

