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**Government of Jammu & Kashmir**  
**Office of the Chief Engineer, PHE Department Jammu**

**Sub: Accord of Administrative Approval.**

**Order No: PHEJ/DB/- 82-of 2018**

**Dated: 02/02/2018**

Administrative Approval is hereby accorded to the Project Report of WSS **TALLIAN KALACHANG** under the Jurisdiction of PHE Division Nowshera for an amount of Rs.273.60 Lakhs only (Rupees Two Crore Seventy Three Lakhs and Sixty Thousand only) by debit to M.H.4215 under NABARD Loan Assistance. The Administrative Approval is accorded subject to the following conditions:-

- .That the component proposed herein as per the cost abstract have not been executed or proposed under any other programme / Head for execution.
- .That the accord of approval does not entitle the executing agency to incur any expenditure in absence of release of funds.
- .That the expenditure to be incurred against the AA shall be in accordance with standing procedure which besides other include fulfillment of all codal formalities as required under rules.
- .That there shall be no deviation in amount of provision as contained in the AA.
- .The work shall be carried out as per sound engineering practice by following all the relevant IS codes. The R.C.C structures be got designed and vetted by the Design Directorate before execution.

**NO: PHEJ/DB/ 17262-66**

**Dated: 2-02-2018**

**Copy to the:-**

*Ebadullah*  
Chief Engineer,  
PHE Department,  
Jammu

1. Secretary to Govt. PHE, I & FC Department, J&K Govt. Civil Sectt Jammu for information.
2. Principal Accountant General, J&K Jammu for information.
3. Superintending Engineer, Hydraulic Circle Rajouri for information and necessary action.
4. Executive Engineer, PHE Division Nowshera for information and necessary action.
5. Deputy Director (P&S) PHE direction office Jammu for information and necessary action.

GOVERNMENT OF JAMMU & KASHMIR



**PUBLIC HEALTH ENGINEERING DEPARTMENT, JAMMU**

**PROJECT REPORT**

**FOR**

**WATER SUPPLY SCHEME**

**TALLIAN KALACHANG UNDER NABARD**

**EXECUTIVE ENGINEER  
P.H.E DIVISION, NOWSHERA.**

## SALIENT FEATURES

### ACCORD OF ADMINISTRATIVE APPROVAL FOR WATER SUPPLY SCHEME TALIAN-KALACHANG UNDER (NABARD)

1. Name of Scheme : Water Supply Scheme Talian-Kalachang
2. Name of District : Rajouri
3. Name of Tehsil : Siot
4. Name of Block : Soit
5. Name of Constituency : Nowshera
6. Type of Scheme : Lift
7. Type of Source of Scheme : Surface Water
8. Proposed Source : Filtration Plant and Spring
9. Name of Habitutions benefited with population as on 2016

S. No	Name of Panchayat	Name of village	Name of Habitation	Population 2011 AD	Present Pop. 2016 AD	Design Pop. 2031 AD
1.	Channi	Channi (Part)	SC Mohalla Talian/Pind Sinder	200	1113 Souls	1558 Souls
2.	Channi	Channi (Part)	Mohalla Kala Chang/Dabote/ Talani and Thanda Dhab	588	696 Souls	974 Souls
			Total =		2317 Souls	3243 Souls

10. Present Population i.e. 2016 AD : 2317 Souls
11. Designed Population i.e. 2031 A.D : 3243 Souls
12. Ultimate Population i.e 2046 A.D : 4541 Souls
13. Proposed Rate of water supply : 70Ltrs /Capita/day
14. Present Water Requirement : 146 KLPD

15. Intermediate Water Requirement : 205 KLPD

16. Ultimate Water Requirement : 287 KLPD

14. Availability of Water : 300 KLPD  
~~Rs 273.60 lacs~~ 273.60 lacs

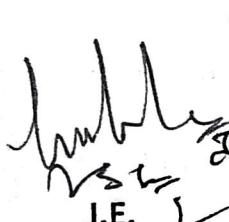
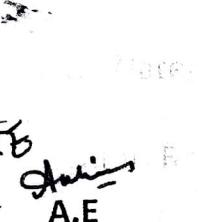
15. Cost of Scheme : ~~Rs 273.60 lacs~~ 273.60 lacs

16. Cost Per Capita on Present  
~~2016~~ : ~~Rs 10531/3~~ ~~Rs 10440/2~~ ~~Rs 11813~~  
~~Rs 11228.00/146.09~~ ~~Rs 7459/2~~ C

17. Cost Per Capita on intermediate  
~~2031~~ : ~~Rs 8020.00/7459/2~~ ~~Rs 5373/2~~ ~~Rs 5327/2~~

18. Cost Per Capita on Designed Pop.  
~~2046~~ : ~~Rs. 5728.00/5410/2~~ ~~Rs 6027/2~~

→ **Rs 6027/2**

  
 J.E. ✓   
 A.E.

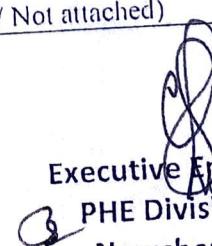
  
**Asstt. Executive Engineer**  
**PHE Sub Division**  
**Sunderbani**

  
**Executive Engineer**  
  
**PHE Division**  
**Nowshera**

**CHECK LIST FOR DRINKING WATER SUPPLY SCHEMES (DISTRICT / STATE SECTOR)**

S.No.	Description of the Information / Data required to be Submitted with each scheme for authority's approval.	
1.	6 copies of the DPR.	(Attached/ Not Attached)
2.	3 signed copies of the maps of proposed services area (Habitation) in which Water supply is to be made available.	(Attached/ Not Attached)
3.	Scheme category ( District sector / state sector / NRDWP)	
4.	Location of the scheme	(Rural/ urban)
5.	Type of the scheme	(Lift / Gravity)
6.	Type of the source	(Surface /Spring/ Tube well/Dug well)
7.	Whether source is perennial/seasonal.	(Yes / No)
8.	Whether source is free from any dispute	(Yes / No)
9.	Quantity of water available at source during the lean period of the year.	(In litres/ kilolitres per day 300 KL)
10.	Quantity of water required for the designed population of the scheme.	(In litres/ kilolitres per day 287 KL)
11.	Proposed service level of water to be provided	(In litres per capita of the day 55 Litres)
12.	** Whether scheme is consistent with the state water policy as per its objectives.	(Yes / No)
13.	Whether the land required for the construction / raising infrastructure of the scheme is in the ownership / possession of the department.	(Yes /No)
14.	Whether a certificate to the effect by the Chief Engineer in case of a NRDWP or a state sector scheme/ Superintending Engineer in case of a District sector Scheme that source of water proposed to be tapped has adequate / sustainable discharge at least upto the designed life of the project .	(Attached/ Not attached)
15.	Certified to the effect by the chief Engineer, in case of a NRDWP or a state sector Scheme / Superintending Engineer in case of a district sector scheme, that the proposed scheme is economical and there is no other viable alternative.	(Attached / Not attached)
16.	Certified to the effect by the chief Engineer, in case of a NRDWP or a state sector Scheme / Superintending Engineer in case of a district sector scheme . that the proposed scheme is not detrimental to any existing ongoing or proposed water supply , irrigation, flood control or any other scheme in the area.	(Attached/ Not attached)
17.	Whether safety measures for protecting public have been envisaged and provided for in the detailed Project Report (Refer Regulations on safety measures issued by the Authority vide Notification No. 07/ JKSWRRA/2013 dated 22 <sup>ND</sup> April, 2013).	(Yes/ No)
18.	Whether the prescribed fees and services charges have been paid by the user (proof by way of a Bank draft / Pay order to be attached).	(Attached/ Not attached)
19.	Whether a note on the likely environmental impact on the scheme by the Chief Engineer in case of a State sector or a NRDWP scheme/ Superintending Engineer in case of a District Scheme, has been attached.	(Attached/ Not attached)
20.	Whether a copy of the No objection certificate from the concerned department/ agency of the central government based in the state , in case the area proposed to be covered under the scheme include the whole or any part of a cantonment area , aerodrome, fortress, arsenal, or camp or of any building or place in the occupation of the central government for defense purposes has been attached .	(Attached/ Not attached)
21.	Whether the project requires environmental clearance under standing instructions of the state / central Government. If so, a copy of the necessary clearance given by the competent authority to be attached. If not, a detailed note on the likely environmental impact of the scheme to be prepared by the chief engineer / superintending Engineer concerned, and attached with the proposal.	(Attached/ Not attached)

  
 Asstt. Executive Engineer  
 PHE Sub Division  
 Sunderbani

  
 Executive Engineer  
 PHE Division  
 Nowshera

## TECHNICAL REPORT

### ACCORD OF ADMINISTRATIVE APPROVAL FOR WATER SUPPLY SCHEME TALIAN-KALACHANG OF VILLAGE CHANNI UNDER (NABARD)

1. Name of the Scheme : Water Supply Scheme Talian-Kalachang
2. Authority : Government of Jammu & Kashmir
3. Name of District : Rajouri
4. Name of Tehsil : Sunderbani Nowshera
5. Name of Constituency : Sunderbani Nowshera
6. Scope of the Scheme :

S. No	Name of Panchayat	Name of village	Name of Habitation	Population 2011 AD	Present Pop. 2016 AD	Design Pop. 2031 AD
1.	Channi	Channi (Part)	SC Mohalla Talian/Pind Sinder	200	1113 Souls	1558 Souls
2.	Channi	Channi (Part)	Mohalla Kala Chang/Dabote/ Talani and Thanda Dhab	588	696 Souls	974 Souls
			Total =		2317 Souls	3243 Souls

7. History & Necessity : Talian-Kalachang Habitation of village Channi are about 30 kms from Nowshera on Bye Pass Road of Soit Kalakote. The habitations of SC Mohalla Talian, Pind Sinder, Mohalla Kala Chang, Dabote, Talani and Thanda Dhab are still dependent on local springs and bowlies for which they have to travel long distance. The water of these bowlies is open to the sky and there is every apprehension of getting it contaminated. The people of the area had been raising hue and cry to provide them drinking water from many years. The Hon'ble MLA Nowshera is also very keen to provide them drinking water supply, as the most of the population is S.T. and poor. So, keeping in view the above mentioned facts, it is very much necessary to provide them potable drinking water supply.

## Population & Water

### Requirement :

The present population of Talian Kalachang and its adjoining habitations works out to 2317 souls including floating Population and the designed population for next 15 years upto the year 2026 AD works out at 3243 souls. The requirement of water for the deigned period of 15 years and population of 3243 souls works out to 30,000 Gallons/day @ ~~7040~~ liters/capita/day including system losses @15% and the proposed availability of water from the proposed sources is 70,000 Gallons/day.

### 11. Proposals

: To provide water supply to Talian Kalachang and its adjoining habitations of SC Mohalla Talian, Pind Sinder, Mohaila Kala Chang, Dabote, Talani and Thanda Dhab and keeping in view the designed requirement of water a Filtration Plant has been proposed on the left bank of Kalakote Tawi. A 10,000 Gallons Sump tank is proposed to be constructed near the Filtration Plant for collection of water from proposed Filtration Plant and water shall be lifted to proposed 20,000 Gallons Ground Service Reservoir at Kallarkote through a 800 mm dia rising main line having length of 1200 mts. Water from the sump tank shall also be lifted to 10,000 Gallons Ground Service Reservoir at Thangar through rising mains of 80 mm having a length of 500 mtrs. Water shall be provided from Ground Service Reservoirs at various locations through a well designed distribution network. Horizontal centrifugal Pump sets having discharge of 5,000 Gallons per hour and head of 200 mtrs along with standby and preventive devices has been proposed for lifting water to storage reservoirs from Filtration Plant at Kallarkote. Horizontal centrifugal Pump sets having discharge of 5,000 Gallons per hour and head of 150 mtrs along with standby and preventive devices has been proposed for lifting water to storage reservoirs from Filtration Plant at

Thangar. Creation of electric sub stations at Filtration Plant including laying of L.T and H.T lines have also been envisaged in the project. To safeguard the machinery from voltage fluctuations provision for installation of voltage stabilizers has also been kept in the project.

## 12. Estimated Cost & Time Of Completion

~~Rs 2114.00 Lacs~~  
~~Rs 213.40 Lacs~~  
: The estimated cost of the project works out to ~~Rs 2114.00 Lacs (As per SSR 2008)~~ and the project is proposed to be completed in three years time provided funds and key construction material are made available in time.

*U.P.*  
Asstt. Executive Engineer  
PHE Sub Division  
Sunderbani

*GS*  
Executive Engineer  
PHE Division  
Nowshera

*U.P.*  
Superintending Engineer  
Hydraulic Circle  
Rajouri.

*GS*  
Chief Engineer  
PHE Department  
Jammu.

*U.P.*  
Estimated Cost & Time  
of Completion

A.E

# GENERAL ABSTRACT OF COST

## ACCORD OF ADMINISTRATIVE APPROVAL FOR IMPROVEMENT/ AUGMENTATION OF WATER SUPPLY SCHEME TALIAN-KALACHANG UNDER (NABARD)

S.No	Particulars	Amount in lacs
1.	Cost for construction of Rapid Sand Filtration Plant along with intake at Kalli Dab.	L.S 40.00
2.	Cost for Construction of 10,000 Gallons capacity Storage Reservoir. 2 No's @ Rs. 5.03 Lacs(Each)	9.94 10.06
3.	Cost for Construction of 20,000 Gallons Capacity Ground Storage Reservoir.	8.95 9.12
4.	Cost for Construction of Pump Room buildings at Filtration Plant site.	5.61
5.	Cost for Construction of protection works at Pump Room, Sump Tank and Storage Reservoirs. 4 No's @ Rs 1.88 Lacs(Each)	7.52
6.	Providing and laying and fitting of Rising Main.	7.88
7.	Providing and laying and fitting of Distribution System.	93.48
8.	Cost for creation of Electric Sub Station including laying of LT and HT lines at Filtration plant.	L.S 10.00
9.	Providing and installation of Pumping Machinery including stand by Machinery and Voltage stabilizer at Bore well.	30.75
10.	Cost for improvement to existing distribution system	L.S 5.00
11.	Cost for land compensation	3.00
12.	Total Add 2.50 % for work charge and contingencies except item No. 09, 11, 10, 10, 10	L.S 231.19 lacs 241.20 229.11
		= Rs 231.19 lacs 241.20 229.11
		= Rs 3.71 lacs 5.26 4.76
		= Rs 244.90 lacs 246.47 243.90
		= Rs 37.78 246.47 243.90
		Say Rs 244.90 lacs Say 246.46 Lacs
		Say Rs 244.90 lacs
		Say Rs 273.60 lacs
		Say Rs 273.60 lacs
		Say Rs 273.60 lacs

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