



Government of Jammu and Kashmir  
OFFICE OF THE SUPERINTENDING ENGINEER, HYDRAULIC CIRCLE, RAJOURI.  
Telephone/Fax No.01962-263219, e-mail: [sehydcirclerajouri@gmail.com](mailto:sehydcirclerajouri@gmail.com)

Sub: Accord of Administrative Approval

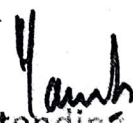
Order No.: SEHR/PHE/AA/ 70 of 2019.

Dated: 30 / 03 / 2019

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Administrative Approval is accorded to the work "Improvement & Augmentation of W.S.S. MOHRA TALLIAN TAIN" of PHE Division Nowshera, District Rajouri for an amount of Rs. 120.00 lacs (Rupees One Hundred Twenty Lacs only) under CAPEX by debit to M.H. 4215 subject to following terms and conditions:-

1. That the components proposed herein as per the cost abstract have not been executed under any programme/Head for execution.
2. That the Accord of Administrative Approval does not entitle the executing agency to incur any expenditure in absence of release of funds.
3. That the expenditure to be incurred against the AA shall be in accordance with the standing procedure, which besides others, includes e-tendering and fulfillment of all the codal formalities as required under rules.
4. That there shall be no deviation in amount of provision as contained in the AA.
5. That the expenditure shall be restricted within the approved cost of the project and shall be made in accordance with the norms of the programme.
6. The work shall be carried out as per sound engineering practice by following all the relevant IS Codes. The R.C.C. structures to be designed and vetted by the Design Directorate before execution.

  
Superintending Engineer,  
Hydraulic Circle,  
Rajouri.

No: SEHR/PHE/W-1/ 2445-46

Dated: 30 / 03 / 2019

Copy to:

1. Accountant General, J&K Jammu for information.
2. Chief Engineer, PHE Department, Jammu for information.
3. Executive Engineer, PHE Division, Nowshera for information and n/a.

# GOVERNMENT OF JAMMU & KASHMIR



## PUBLIC HEALTH ENGINEERING DEPARTMENT JAMMU

### PROJECT REPORT

## WATER SUPPLY SCHEME MOHRA TALLIAN TAIN

**EXECUTIVE ENGINEER  
PHE DIVISION NOWSHERA**

## SALIENT FEATURES

### ACCORD OF ADMINISTRATIVE APPROVAL FOR WATER SUPPLY SCHEME MOHRA TALLIAN TAIN

1. Name of Scheme : WSS Mohra Tallian Tain
2. Name of District : Rajouri
3. Name of Tehsil : Nowshera
4. Name of Block : Nowshera
5. Name of Constituency : Nowshera
6. Type of Scheme : Lift
7. Type of Source of Scheme : Surface Water/ Ground Water
8. Proposed Source : Percolation Well
9. Name of Habitations benefited with population as on 2019AD:-

S. No	Name of Panchayat	Name of village	Name of Habitation	Population 2001 AD	Present Pop. 2019 AD	Design Pop. 2034 AD
1	Rajal - B	Rajal	Tallian	199	356 Souls	578 Souls
	Floating Population and New settlement				54Souls	87Souls
	Total				410 Souls	665 Souls

10. Present Population i.e. 2019 AD : 410 Souls
11. Designed Population i.e. 2034 A.D : 665 Souls
12. Proposed Rate of water supply : 15 GPD
13. Designed Water Requirement : 11970 GPD
14. Availability of Water : 20000 GPD
15. Cost of Scheme : Rs. 120.00
16. Cost Per Capita on Present Pop. : Rs. 29268.00
17. Cost Per Capita on Designed Pop. : Rs. 18045 .00

J.E.

Asstt. Executive Engineer  
PHE Sub Division  
Nowshera

Executive Engineer  
PHE Division  
Nowshera

**PROJECTED POPULATION, WATER REQUIREMENT AND FEASIBILITY REPORT FOR**  
**FOR IMPROVEMENT/ AUGMENTATION OF WATER SUPPLY SCHEME MOHRA**  
**TALLIAN TAIN**

**FEASIBILITY REPORT**

Percentage decadal growth rate of district Rajouri

1991-2001 = 25.71%

2001-2011 = 32.93%

As per census 2001 Population of Habitation = 199 Souls

**POPULATION BASED ON GROWTH RATE**

Present Population as on 2019AD =  $199 \times (1 + 3.29/100)^{18}$  = 356 Souls

Present Population as on 2034 AD =  $356 \times (1 + 3.29/100)^{15}$  = 578 Souls

Floating Population @ 15% of designed Population = 87 Souls

Total = 665 Souls

**REQUIREMENT OF WATER**

Total Designed Population of 2034 AD = 665 Souls

Proposed rate of water supply/Capita/day = 15 GPD

Requirement of water per day = 9975 GPD

Add 20% losses for wastage, leakage etc. = 1995 GPD

Total requirement of water per day = 11970 GPD

Water available from existing and proposed Sources = 20000 GPD


The water supply scheme has been framed to cover the left out population of Rajal and the proposed source i.e Percolation Well can cater to water requirement of the proposed Scheme as sufficient water is available at source. Hence the Scheme is feasible.


**STORAGE REQUIRED**

Total ultimate demand of water	= 9975 GPD
Add 20% losses for wastage, leakage etc.	= 1995 GPD
Total	= 11970 GPD
Storage for half day demand	= 5985GPD

**Hence Proposed storage 10000 Gallons Ground Storage Reservoir**

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

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

## **CERTIFICATE OF SOURCE**


**Name of Scheme :** **WATER SUPPLY SCHEME TALLIAN**


### **Certified that:**

1. The source is perennial.
2. The purposed source of scheme is free from any dispute.
3. Discharge available is adequate and will cater the need of designed population purposed to be covered under the scheme.
4. The source tapped will not adversely affect the water supply scheme (in case the same has been tapped from the existing scheme).
5. The scheme has been properly investigated and proposals are viable from the techno-economic considerations.

  
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AE

  
Asstt. Executive Engineer  
PHE Sub Division  
Nowshera



  
Executive Engineer  
PHE Division  
Nowshera

**ACCORD OF ADMINISTRATIVE APPROVAL FOR IMPROVEMENT AND  
AUGMENTATION OF WSS TALLIAN TAIN**

It is certified that the price appreciation on the rates of SSR-2012 adopted therein are reasonable keeping in view the current market rates.





  
Executive Engineer  
PHE Division  
 Nowshera

# **TECHNICAL REPORT**

## **ACCORD OF ADMINISTRATIVE APPROVAL FOR WSS MOHRA TALLIAN TAIN**


- 1. Name of the Scheme** : Water Supply Scheme Mohra Tallian Tain
- 2. Authority** : Government of Jammu & Kashmir
- 3. Name of District** : Rajouri
- 4. Name of Tehsil** : Nowshera
- 5. Name of Constituency** : Nowshera
- 6. Scope of the Scheme** : Mohra Tallian Tain
- 7. Location: -** : Water Supply Scheme Mohra Tallian Tain is located on left side of Nowshera Tawi and is at a distance of 10km from Nowshera Town and at a distance of 45 km from District Head Quarter Rajouri. The Population of the area is scattered and terrain semi-hilly.
- 8. History & Necessity** : The Mohra Tallian Tain is presently getting water from local springs. The discharge of the local springs depleted during peak summer season and public has to suffer a lot for want of drinking water and have to traverse long distance to fetch drinking water from local bowlies. Moreover some of the area does not have proper piped water supply the Public of the area has time and again represented for providing proper piped water supply to the area. To provide water supply from a dependable source and to mitigate the sufferings of public necessitated framing of the project for providing water supply to Mohra Tallian Tain.
- 9. Proposals** : The Existing source has insufficient discharge as such it is proposed to construct a percolation well on left side of


Nowshera Tawi. The water from the proposed percolation well to be lifted to proposed GSR of 10,000 glns GSR each at Tallian and a new pump room is also proposed to be constructed for installation of pumping machinery. R/main of 80 mm dia having a length of 2100 m is proposed to be laid from pump room to new proposed GSR of 10,000 glns. A 10,000 glns S/Tank is proposed to be constructed near the percolation well site. Laying of well designed distribution system from the proposed storage reservoir and coverage of left out areas have also been envisaged in the project. Installation of pumping machinery voltage stabilizer and creation of electric sub-station have also been kept in the project.

**10. Estimated Cost and Time  
Of Completion**

: The Estimated Cost of the project works out to Rs. 120.00 and the project is proposed to be completed in one year time provided funds and key construction material are made available in time.

  
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PHE Sub Division  
Nowshera

  
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PHE Division  
Nowshera

**GENERAL ABSTRACT OF COST**  
**ACCORD OF ADMINISTRATIVE APPROVAL FOR WATER SUPPLY**  
**SCHEME TALLIAN**

S.No	Particulars	Amount in lacs
1.	Cost for Construction of Percolation Well left side of N/Tawi	<del>16.95</del> 16
2.	Cost for Construction of 1 No 10000 Gallons GSR at Tallian	<del>4.83</del> 4
3.	Cost for Construction of 10000 Gallons Sump Tank near Percolation Well Kallar	<del>4.83</del> 4
4.	Cost for Construction of Pump Room near Percolation Well	<del>6.10</del> 5
5.	Cost for providing and laying of Rising Main	18.25 ✓
6.	Cost for providing and laying of Distribution System	<del>51.12</del> 50
7.	Cost for Providing and installation of Pumping Machinery including standby machinery and voltage stabilizer at pumping station	11.78 ✓
8.	Cost for creation of Electric Sub-station near Percolation well including laying of LT and HT lines	<del>73.70</del> 51.10
		<del>117.86</del> 117.38
	Add 2.50 % for work charge and contingencies except item no7	2.64 ✓
	<b>Grand Total</b>	<b><del>120.20</del></b> 120.02

✓  
Say 120.00 Lacs

*[Signature]*  
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