

## OFFICE OF THE EXECUTIVE ENGINEER CITY DIVISION -I ,Ajmer

### TECHNICAL REPORT

**Name of work:** Construction, testing and commissioning of RCC OHSR at Trambay Station and providing, laying, jointing of distribution pipeline in Tarkashki Bagichi, New chandmari, and other areas under City Sub Division- I, Ajmer

Ajmer is the fifth largest city in the Indian state of Rajasthan and is the centre of the eponymous Ajmer District. According to the 2011 census, Ajmer has a population of around 551,360 in its urban agglomeration and 542,580 in the city. The city is located at a distance of 135 km from the state capital Jaipur and 391 km from the national capital New Delhi.

Ajmer is surrounded by the Aravalli Mountains. It is a pilgrimage centre for the shrine of the Sufi Saint Khwaja Moinuddin Chishti and is also the base for visiting Pushkar (11 km), an ancient Hindu pilgrimage city, famous for the temple of Brahma.

Under City Division-I, Ajmer the City Sub Division -I serving water in the area of Kesarganj, Tarkash ki Bagichi, New chandmari, Harijan Basti is also under the jurisdiction of this sub division. Most part of the area is hilly and mountainous and soil-strata are rocky.

Around the area some new colonies are developing fastly and people have started living there on the higher zone. Due to these new habitants the demand of drinking water is increased.

From P.S.9 pump set No. 3/4/5 are used to fill Bada Peer and Prabhat Mohalla GLSR which are presently used for the supply in Khadim Mohalla, Regaran Mohalla, Harijanbasti, Bagdibasti but they are not sufficient for the higher zone houses as tail end pressure reduces to almost zero and therefore drinking water problem persists. . The residents met with administration and their public representative for new OHSR and pipeline network for water supply in the whole area covering the higher zones as well. Pumping Hours for Bada peer and Prabhat mohalla GLSR are 3-4 hours. The proposed OHSR will be filled within the capacity of mentioned GLSR currently used for the supply in proposed area. Therefore Rising main of the proposed OHSR is designed for the pumping of 4 hours in accordance.

The said areas fall under the Ajmer North constituency represented by Hon'ble Mrs Anita Bhadel, women and children welfare minister. She has also directed for laying of line in that areas which are badly affected. During Hon'ble PHED Minister's visit at Ajmer on 25<sup>th</sup> Feb 2016 in a meeting with Public representatives she made announcement for sanctioning OHSR and pipeline works worth Rs. 3.70 Crores for Mrs Anita Bhadel, women and children welfare minister.


These pipelines could not be taken in JNNURM project. Provision for DI pipeline has been adopted in the proposal because the areas have rocky strata as per PHED pipe policy. Wherever new lines are being proposed those have been checked from SMEC map.

The estimate is prepared on latest PHED BSR 2015 (Jan 2016) and PWD BSR 2014. Total estimated cost of proposal is RS. 176.83 Lacs which includes contingencies 5% and prorata 11% charges.

It will be Chargeable on head 4215 COL, UWSS Ajmer (MNP)

The proposal is being submitted to accord Administrative and Financial sanction at earliest.

  
Junior Engineer  
PHED City Sub Div. I  
Ajmer

  
Executive engineer  
PHED City Div. I  
Ajmer


  
Assistant Engineer  
PHED City Sub Div. I  
Ajmer


# OFFICE OF THE EXECUTIVE ENGINEER CITY DIVISION -I ,Ajmer

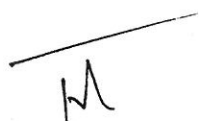
**Name of work:** Providing, laying, jointing of Rising main for New proposed OHSR at Trambay Station with distribution pipelines in Tarkash ki Bagichi , New Chandmari and other areas under City Sub Division-I, Ajmer

## GENERAL ABSTRACT OF COST

S. No.	Particulars	Amount
1	Abstract of cost of Construction, testing and commissioning of RCC OHSR at Trambay Station	2850000.00
2	Abstract of cost of Providing , laying & jointing of Distribution pipe line in Tarkash ki Bagichi , New Chandmari, Harijan Basti and other areas	12321862.00
	Sub Total	15171862.00
	Add 5% contingency Charges	758593.10
	Sub Total	15930455.10
	Add 11 % Prorata charges	1752350.06
	Grand Total	17682805.16
<b>G. TOTAL</b>		<b>17682805.16</b>
<b>Say Rs. 176.83 Lacs only</b>		

  
**Assistant Engineer**  
 PHED, City Sub Div I  
 Ajmer

  
**Executive Engineer**  
 PHED, City Div I  
 Ajmer

  
**Supretending Engineer**  
 PHED, City Circle  
 Ajmer