

Chapter-4

PUNJAB WATER SUPPLY & SEWERAGE DIVISION, HOSHIARPUR

Sewerage is the key to Healthy living. Sewers are meant only for liquid waste and not for dumping the rubbish, plastic bags and cow dung etc. Choked sewers are worse than no sewers at all. Cleaned sewers ensure freedom from blockages, back flow and stagnation in low lying areas. Service pipes for house connection passing through open drains can cause serious contamination of drinking water. Discharging of untreated sewerage into natural stream or using for broad irrigation without dilution for crops to be eaten raw is a health hazard. Also with 100% sewerage the towns will be rendered scavenger free and the revenue of the town will also increase. Two proposals under RSVY are given below-

A . EXTENSION & AUGMENTATION OF SEWERAGE SCHEME DASUYA DISTT. HOSHIARPUR (FOR THE REMAINING AREA)

Dasuya town is a flourishing town in Hoshiarpur District and Tehsil Head Quarter. It is situated on G.T. Road/ Railway from Jalandhar to Pathankot Road at a distance of 60 Km. From Jalandhar towards Pathankot.

EXISTING SEWERAGE FACILITIES

About 60% population has been covered with Sewerage Scheme. There exist disposal work comprising of screening chamber, Collecting Tank & Pump Chamber. About 14.34 Km. Branch sewer line and 0.94 Km. Intercepting / outfall sewer are existing. The project for Extension & Augmentation of Sewerage Scheme Dasuya (Under HUDCO) has been prepared & stand approved by HUDCO. The work against the project is in progress. About 1.26 Km. Main sewer and 17.96 Km branch sewer has been prepared in the project. For the rest of area the project for Extension & Augmentation of Sewerage Scheme Dasuya (For the remaining area) has been prepared to provide the basic facility of Underground Sewer.

SCOPE OF WORK :

After Extension & Augmentation of Sewerage Scheme Dasuya (For the remaining streets) it is proposed to cover the 100% population of the town for a period of 30 years. The following works are covered under this scheme. It has been proposed to disposed the sullage waste water of the whole town in existing disposal work by gravity & from disposal to Barsati Nalah through existing transmission main. The area beyond railway line has been covered in HUDCO project & the rest of the area is covered in this project.

LENGTH OF PROPOSED SEWER :

200mm	i/d	(8")	=	4292 Mtr.
250mm	i/d	(10")	=	1219 Mtr.
300mm	i/d	(12")	=	1913 Mtr.
600mm	i/d	(24")	=	213 Mtr.

RATES & TOTAL COST :

The rates are based on CSR Plus ceiling premium .

The **total cost of the project is Rs. 91.70 Lacs.** This includes 2% contingencies and 1% P.E. Charges. The proposal is net of departmental charges.

B . Extension and Augmentation of Sewerage Scheme Mukerian District Hoshiarpur (For the Remaining Area)

Mukerian town is a flourishing town in Hoshiarpur District and Tehsil Head Quarter . It is situated on G.T.Road/Railway from Jalandhar to Pathankot Road at a distance of 75km from Jalandhar towards Pathankot.

EXISTING SEWERAGE FACILITIES:-

About 75% of population has been covered with Sewerage. There exist disposal work comprising of Screening Chamber, Collecting Tank & Pump Chamber. About 24.02 Km Branch Sewer line and 3.53km intercepting/outfall sewer are existing. The sewer laid at site against the project Extension & Augmentation of Sewerage Scheme Mukerian (Under HUDCO) . For the rest of area the project for Extension & Augmentation of Sewerage Scheme Mukerian (For the Remaining area) (Under RSVY) has been prepared to provide the basic facility of underground sewer.

SCOPE OF WORK

After Extension & Augmentation of Sewerage Scheme Mukerian (for the remaining Streets) (Under RSVY), it is proposed to cover the 100% population of the town for a period of 30 years. The following works are covered under this scheme. It has been proposed to disposed off the sullage waste water of the whole town in existing disposal work by gravity & from disposal to Nalah through transmission main. The rest of the area is covered in this project.

RATES & TOTAL COST

The rates are based on CSR plus ceiling premium.

The total cost of the project is Rs. 132.70 lac. This includes, 10% price escalation for one year,2% contingencies charges and 1% P.E.charges. The proposal is net of departmental charges.

FUNDS

The funds against the work shall be provided by the Govt. of India under Rashtriya Sam Vikas Yojana (RSVY).

Summary of main objectives/benefits

- Sewerage is the key to Healthy living.
- Sewers are meant only for liquid waste and not for dumping the rubbish, plastic bags and cow dung etc.
- Choked sewers are worse than no sewers at all.
- Cleaned sewers ensure freedom from blockages, back flow and stagnation in low lying areas.
- Service pipes for house connection passing through open drains can cause serious contamination of drinking water.
- Discharging of untreated sewerage into natural stream or using for broad irrigation without dilution for crops to be eaten raw is a health hazard.
- Also with 100% sewerage the towns will be rendered scavenger free and the revenue of the town will also increase.
