

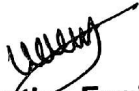
**Name of Project: Proposal for diversion of 2.4107ha. Reserved forest land from Hafeswar village for the project of Narmada river Hafeswar Basin based Bulkpipeline water supply Project. (Ta: kawant Dist: Chhota Udepur; State Gujarat).**

### Cost benefit analysis.

Location of the Project/Scheme :

| 1            | District                                                   | Pipeline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Section                                                                                                     | Chainage Mt.                                              |                                                          | Length (Km) |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
|--------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|-------------|----------|-------------|---------------------|-------|--------|---------|--------------|--------|--------|--|---------|---------|--|--|--|
|              |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                             | From                                                      | To                                                       |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
|              | Chhota Udepur                                              | Bulkpipeline                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Hafeswar to kevdi<br>Motti chikhali to malaja<br>Kevdi to Sangasar<br>Kevdi to ranipura & Sangasar to Sahda | 0.0 mtr.<br>0.0 mtr.<br>0.0 mtr.<br>0.0 mtr.<br>0.00 mtr. | 71910.00<br>46190.00<br>45035.00<br>36558.00<br>18660.00 | 218.353     |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
| i)           | Increase in productivity attribute to the specific project | This is not a commercial project. Project of Narmada River (Hafeshwar) based Bulkpipeline will provide drinking potable surface water which will directly effect on public health by reducing water borne diseases. The project will give financial, social and good health benefits to the benificaries. This project will save the time of village peoples who used to get water from well and other sources. This project will indirectly improve health of villagers hence they can work hard, and earn more money for better living. It reducing the water related diseases thus saving the medical expenditure. Cattles of beneficiary area will also get potable sufficient water for drinking so the milk production will also be increased and thus beneficieries people can earn more for family. As this project is based on Surface water i.e. form Narmada River hence ground water exploitaion will be reduced and ultimately it helps to save enviroment . Rural and tribal people will get employment during execution of project and after completion of the project will get employmeny durring maintenance. It will also reduce urbanization and migration. |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
| ii)          | Benefits to the economy                                    | By Completion of the project 285 villages and 1 Devgadh Baria City of Dahod District & 58 Villages & 1 Chhotaudepur city of Chhota Udepur District will get potable Drinking water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
| iii)         | No. of population benefited.                               | <table><tr><th>District</th><th>As per 2011</th><th>Ultimate stage-2047</th></tr><tr><td>Dahod</td><td>930580</td><td>1538322</td></tr><tr><td>Chhotaudepur</td><td>114896</td><td>189935</td></tr><tr><td></td><td>1045476</td><td>1728257</td></tr><tr><td></td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                             |                                                           |                                                          |             | District | As per 2011 | Ultimate stage-2047 | Dahod | 930580 | 1538322 | Chhotaudepur | 114896 | 189935 |  | 1045476 | 1728257 |  |  |  |
| District     | As per 2011                                                | Ultimate stage-2047                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
| Dahod        | 930580                                                     | 1538322                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
| Chhotaudepur | 114896                                                     | 189935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
|              | 1045476                                                    | 1728257                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |
|              |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                             |                                                           |                                                          |             |          |             |                     |       |        |         |              |        |        |  |         |         |  |  |  |

|      |                                                                                                             |                                                                                                                                                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| iv)  | Employment potential                                                                                        | Man days cannot accessed but during execution of work labors are required and local labors will get the work and thus local people will get employment. As well as for Operation and maintenance local labors will get employment through this project. |
| v)   | Cost of acquisition of facility on non-forest land wherever feasible.                                       | As per actual cost of work.                                                                                                                                                                                                                             |
| vi)  | Loss of<br>* Agricultural &<br>* Animal husbandry production due to diversion of forest land.               | Crop Compensation is taken in project, wherever Standing Crop will be damaged. Accordingly compensation will be paid on the basis of area of Cultivated Crop Damaged. No losses due to Animal husbandry production due to diversion of forest land.     |
|      | Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement. | Nil                                                                                                                                                                                                                                                     |
| vii) | Cost of supply of free fuel wood to workers in or near forest area during the period of construction.       | Nil (The contractor is required to arrange for the same by procurement from the market. This has been specified in the contract documents. The contractor will be encouraged to minimize use of firewood or timber as fuel).                            |

  
**Executive Engineer**  
**Public Health Project Unit(GWSSB)**  
**Chhotaudepur**

  
**Deputy Executive Engineer**  
**Project Sub Unit(GWSSB)**  
**DevgadBaria**