

**BHARAT HEAVY ELECTRICALS LIMITED: HARIDWAR**  
**WATER WORKS DEPARTMENT, TOWNSHIP ADMINISTRATION & DEVELOPMENT**  
**Tel: +91-1334-285645**

**SUBJECT:** INVITATION FOR EXPRESSION OF INTEREST

**EOI NOTIFICATION NO:** 385/HR-TAX/WW/15-16 DATED: 12.03.2016

**NAME OF WORK:** DESIGN, DETAILING AND ESTIMATE PREPARATION FOR CONSTRUCTION OF  
11 MLD EFFLUENT & SEWERAGE TREATMENT PLANT BASED ON A PROVEN  
TECHNOLOGY AT BHEL HARIDWAR

BHEL Haridwar consists of two manufacturing units Heavy Electricals Equipment Plant (HEEP) & Central Foundry Forge Plant (CFFP). It also contains township of nearly 6,300 dwellings. The employee strength of both units is nearly 5,300.

The organization is in the process of implementing a holistic plan for construction of a combined effluent and sewerage treatment plant to treat its 11 MLD effluents so as to meet the following limits:

Sl. No.	Parameters	Limit
1	pH	6.5-9.0
2	BOD	10 mg/l
3	COD	50 mg/l
4	TSS	20 mg/l
5	NH <sub>4</sub> -N	5 mg/l
6	N-total	10 mg/l
7	Fecal Coliform (MPN/100ml)	<100

Accordingly, it is intended to get consultancy services of experienced agencies who have the required skill & manpower for design, detailing and estimate preparation of similar nature work in past.

Consultants, OEMs, Agencies (referred to as 'Contractors') who possess the required qualifications as listed in detail sheet are welcome to furnish their credentials to BHEL Haridwar for this work. The Contractors will generally have the following scope of work (but not be limited to) as under:

1. Engineering Survey of the Plant & Township for drainage system.
2. Technical discussions with BHEL and selection of appropriate technology for treatment in consultation with BHEL
3. Development of appropriate treatment scheme for BHEL to meet desired limit values.
4. Approval/Vetting of scheme from regulatory authorities.
5. Prepare detailed Engineering Drawings of combined effluent and sewerage treatment plant.
6. Preparation of Estimate / Bill of quantities
7. Prepare Technical Specifications, Ratings etc. Of equipment and complete system.
8. Prepare Tender Documents for floating of tender.

Interested parties are requested to submit their expression of interest along with duly attested / notarized copies of support documents as listed out in the attached format to **Tender room, IV floor, Main ADM Building, HEEP, BHEL Haridwar – 249403 (Uttarakhand)** so as to reach us on or before 08.04.2016, 1:45 PM, and the same shall be opened on 08.04.2016 at 02:00 PM.

**Sr. Engineer(HR-TAX/WW)**

**BHARAT HEAVY ELECTRICALS LIMITED: HARIDWAR**  
**WATER WORKS DEPARTMENT, TOWNSHIP ADMINISTRATION & DEVELOPMENT**  
**Tel: +91-1334-285645**

**NIT NO: 385/HR-TAX/WW/15-16**

**DATED: 12.03.2016**

**Subject : Qualifying Criteria for Contractors.**

**WORK:** DESIGN, DETAILING AND ESTIMATE PREPARATION FOR CONSTRUCTION OF 11 MLD EFFLUENT & SEWERAGE TREATMENT PLANT BASED ON A PROVEN TECHNOLOGY AT BHEL HARIDWAR

Consultants, OEMs, Agencies etc. who desire to take the work of “DESIGN, DETAILING AND ESTIMATE PREPARATION FOR CONSTRUCTION OF 11 MLD EFFLUENT & SEWERAGE TREATMENT PLANT BASED ON A PROVEN TECHNOLOGY AT BHEL HARIDWAR” shall furnish the following details for short listing:

Duly attested/notarized copies of the following documents (as per Table –A) must be submitted in hard copies.

**TABLE – A:**

1. Last three years ITR.
2. ESI/PF number wherever applicable
3. List of Clients where similar Execution Work/Design Work/Consultancy has been provided in last 7 years.
4. Details of latest Work: Order Copy, Value, Client Information (Name, email, Phone, & address), Work Completion Certificate.
5. Accreditations, Certifications, Collaborations details if any.
6. Organization chart showing manpower and their qualifications
7. Budgetary Offer for carrying out the activities detailed in scope as below :

**SCOPE**

**Work Content at BHEL Haridwar:**

1. Engineering Survey of the Plant & Township for drainage system.
2. Technical discussions with BHEL and selection of appropriate technology for treatment in consultation with BHEL
3. Development of appropriate treatment scheme for BHEL to meet desired limit values.
4. Approval/Vetting of scheme from regulatory authorities.
5. Prepare detailed Engineering Drawings of combined effluent and sewerage treatment plant.
6. Preparation of Estimate / Bill of quantities
7. Prepare Technical Specifications, Ratings etc. Of equipment and complete system.
8. Prepare Tender Documents for floating of tender.

All credentials as listed above under Table –A should be submitted to **Tender room, IV floor, Main ADM Building, HEEP, BHEL Haridwar – 249403 (Uttarakhand)** on or before 08.04.2016, 01:45 PM:

**Sr. Engineer (HR-TAX/Water Works),  
TOWNSHIP ADMINISTRATION & DEVELOPMENT,  
BHEL, RANIPUR, HARIDWAR – 249403**