

# **Bharat Heavy Electricals Limited**

**High Pressure Boiler Plant  
Tiruchirappalli – 620 014. India  
Civil Engineering Department (Factory)**

## **TENDER DOCUMENT (PRICE BID)**

**Name of work** : Design and construction of 5 lakh litre capacity Over head tank RCC conical / funnel type shaft with 30m staging (1 **No.**) and 5 lakh litre capacity underground RCC sump (1 **No.**) in Factory complex for the Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State.

**Tender Notice No.** : **CF:TN: 009 / 14-15**

**Tender Schedule No.** : **CF:TS: 025 / 14-15**

**Period of Contract** : **8 (EIGHT) Months**

**Issued to** :

## SCHEDULE 'A'

### LIST OF WORKS AND PRICES

#### NAME OF WORK:

Design and construction of 5 lakh litre capacity Over head tank RCC conical / funnel type shaft with 30m staging (1 No.) and 5 lakh litre capacity underground RCC sump (1 No.) in Factory complex for the Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State.

**DETAILS & QUANTITIES** of each item of work shown in the **BILL OF QUANTITIES** are only approximate and the same is attached. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority. The work under each item as executed shall be measured and priced at the corresponding rate quoted by the contractor in the BILL OF QUANTITIES. Qualification bid shall be referred for detailed scope of work.

Sl.No.	Description of work / supplied	Total amount of work / supplies (in figures and words)		Period of contract
		Rs.	Ps.	
1.	Design and construction of 5 lakh litre capacity Over head tank RCC conical / funnel type shaft with 30m staging (1 No.) and 5 lakh litre capacity underground RCC sump (1 No.) in Factory complex for the Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State.			EIGHT (8) MONTHS

### ANNEXURE TO SCHEDULE 'A'

#### BILL OF QUANTITIES

Sl. No.	Appx. Qty.	Description of work	TNBP No.	Rate (Both in Unit fig & Words)	Amount	
					Rs.	Ps.

AS PER SEPARATE SHEETS ATTACHED CONTAINING **2 PAGES.**

FROM Page No. **03 to 04.**

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI- 620 014**

**CIVIL ENGINEERING DEPARTMENT-FACTORY**

**BILL OF QUANTITIES**

**Name of work:**

**Design and construction of 5 lakh litre capacity Over head tank RCC conical / funnel type shaft with 30m staging (1 No.) and 5 lakh litre capacity underground RCC sump (1 No.) in Factory complex for the Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State.**

<b>Sl. No.</b>	<b>Quantity</b>	<b>Description of work</b>	<b>Rate (both in figures and in words)</b>	<b>Unit</b>	<b>Amount</b>
1	1.00	Design and Construction of 5 lakh litre capacity reinforced cement concrete <b>RCC conical / funnel type</b> with shaft with 30 m staging overhead water storage tank consisting two chambers each holding 2.50 Lakh litre net capacity including evolving structural design and drawing vetted by third party and approved by BHEL before starting the work. The quoted rate shall include design, drawing, construction including all materials that go in to the work, conveyance of material, loading, leading, unloading, cartage and disposal of surplus soils / earth to location specified by engineer in-charge & all other incidental charges etc complete., and as per the scope of work specified in the tender.		SET	

Sl. No.	Quantity	Description of work	Rate (both in figures and in words)	Unit	Amount
2	1.00	Design and Construction of 5 lakh litre capacity Reinforced cement concrete underground sump with pump house of minium size 3 m X 4 m X 3 m(H) including evolving structural design and drawing vetted by third party and approved by BHEL before starting the work. The quoted rate shall include design, drawing, construction including all materials that go in to the work, conveyance of material, loading, leading, unloading, cartage and disposal of surplus soils/earth to location specified by engineer in-charge & all other incidental charges etc complete., and as per the scope of work in the tender		SET	
			TOTAL		
			Applicable Service Tax		
			Grand Total		

(RUPEES ..... ONLY)

**Note :**

1. The rate quoted shall not include service tax. However the service tax as applicable for this contract work can be claimed from BHEL along with their monthly bills for further payment to be made to the authorities concerned. The contractor has to submit the payment challan as a documentary proof of having paid the service tax for the previous bill for which he has received the service tax payment along with the subsequent bill for which payment has to be processed. As per the recent amendment in Cenvat Credit Rules-2004, Cenvat Credit and Service Tax Credit should be availed within Six Months from the date of invoice. Hence the Service Tax should be claimed by the contractor within Four months from the date of invoice. Otherwise any claim pertaining to Service Tax will not be entertained by BHEL.

2. The period of contract is **08 (EIGHT)** months. The contractor is required to plan accordingly and complete the work in time.

### SCHEDULE 'B'

1. The following materials will be issued FREE of cost to contractor at **Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State.**

Sl.No	Name of Material
01	<b>Not Applicable</b>

### SCHEDULE 'C'

#### ISSUE OF TOOLS AND PLANTS TO CONTRACTORS

Sl.No.	Qty.	Particulars	Details of BHEL Crew Supplied	Hire Charges Per unit Per Day	Place of Issue	Remarks
.....Nil.....						

### SCHEDULE 'D'

NOTE: All Drawings are to be signed by the Contractor as well as the officer entering into contract.

SL.No.	DRAWING NUMBER	DESCRIPTION
1	2-TP-CEG-01241	General Arrangement Of Overhead Tank & Under Ground Water Sump
2	3-TP-CEG-01382	Schematic diagram for Over Head water tank.

The above drawings are enclosed in the Price Bid. Set of Drawings can be obtained from the office of the DGM/Civil/Plg(F&T) , Building No.53, BHEL, Trichy-14.

### SCHEDULE 'E'

#### LEAD STATEMENT

Sl.No	Name of Material	Name of Source	Lead Particulars
1	NOT APPLICABLE		

C.A.....Date .....  
(To be used in conjunction with BHE Ltd., General Conditions of Contract)

### AUTHORITY TO TENDER

Tender Notice No. CF:TN:**009 / 14-15**

Office of the  
DGM / CIVIL / PLANNING (F&T)  
BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHY – 14.

Tender Schedule No. CF:TS:**025/ 14-15**

**The Lump Sum tender for the work required,"Design and construction of 5 lakh litre capacity Over head tank RCC conical / funnel type shaft with 30m staging (1 No.) and 5 lakh litre capacity underground RCC sump (1 No.) in Factory complex for the Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State."**

Messrs / Mr.  
.....  
.....of.....  
.....

are / is hereby authorized to tender for the above work. The Tender is to be delivered at the Office of the DGM. / CIVIL / PLANNING (F&T) Bharat Heavy Electricals Limited Unit, Thiruverumbur, Tiruchirappalli – 620 014, **up to 10.00 hrs. on 07.10.2014** addressed to the DY GEN MANAGER / CIVIL / PLANNING (F&T), BHEL. Tiruverumbur, Tiruchirapalli – 620 014 superscribing the name of work as mentioned above.

Any correspondence concerning this tender should be addressed as indicated above quoting the Tender Notice, Schedule No. and other relevant particulars.

**BHARAT HEAVY ELECTRICALS LIMITED DO NOT BIND THEMSELVES TO ACCEPT THE LOWEST OR ANY TENDER.**

Issuing Officer with  
Designation

Contract Agreement No.....

**TENDER**

To

The DY GEN MANAGER / CIVIL / PLANNING (F&T)  
Bharat Heavy Electricals Limited  
Unit :Tiruverumbur  
TIRUCHIRAPPALLI – 620 014.

I / We hereby offer to carry out the“**Design and construction of 5 lakh litre capacity Over head tank RCC conical / funnel type shaft with 30m staging (1 No.) and 5 lakh litre capacity underground RCC sump (1 No.) in Factory complex for the Power Equipment Fabrication Plant near Sakoli, Bhandara district in Maharashtra State**”

I / We hereby carefully perused the following documents connected with the above noted work and agree to abide by the same.

- 1. Specifications (General &Particular )
- 2. Drawings
- 3. Schedule ‘A’, ‘B’, ‘C’, ‘D’ & ‘E’
- 4.Preamble, BOQ with detailed specifications, terms and conditions, etc.
- 5. BHE Ltd., General & Special Conditions of Contract, Tender Notice and Instructions to Tenders attached hereto.

I / We forward herewith the sum of Rs.....as Earnest Money, which shall be refunded should this tender be rejected. I / We further agree to deposit such sum which along with the sum of Rs.....mentioned above shall make up 50% of the fully Security Deposit for this work as provided for under conditions of the BHARAT HEAVY ELECTRICALS LIMITED General Conditions of Contract.

I / We further agree to execute all the work referred to in the said documents upon the terms & conditions contained or referred therein and as detailed in Schedule ‘A’ and Bill of Quantities annexure thereto and to carry out such deviations as may be ordered, vide conditions 6 of the BHEL Ltd., General Conditions of Contract up to a maximum of 20% of the tendered amount of Rs.....

I / We further agree to refer all disputes, as required by condition 62 of the General conditions of Contract to the sole arbitration of an Officer, to be appointed by the General Manager, B.H.E Ltd., in his sole discretion whose decision shall be final and binding.

**WITNESS**

Signature of the Contractor

Date :

1. ....

2. ....

**GENERAL SUMMARY**

1.	(a) Net Cost of works or building etc., from Schedule 'A'	Rs.
2.	Provisional sum	Rs.
		.....
	Total	Rs.
		.....

Rupees.....  
.....  
.....  
.....

Shri..... in the  
capacity of ..... has  
been duly authorized by me / us to sign the tender for and on behalf of  
.....

( in block letters )

Date :

SIGNATURE OF CONTRACTOR

Witness :

Postal Address :

1.....  
Address

Telephone No.

2. ....  
Address

..... alterations have been made in the

Tender Document and as evidence that these alterations were made before the execution of contract

agreement, they have been initialed by the Contractor and the

.....

.....

.....

.....the said officer is hereby authorized to

sign and initial on my behalf the documents forming part of this contract (Number of alternation in figures and words to be given here)

The above tender is accepted by me on behalf of the Bharat Heavy Electricals Limited, Unit:

Thriuverumbur, Tiruchirappalli – 620 014. for a sum of Rs.....

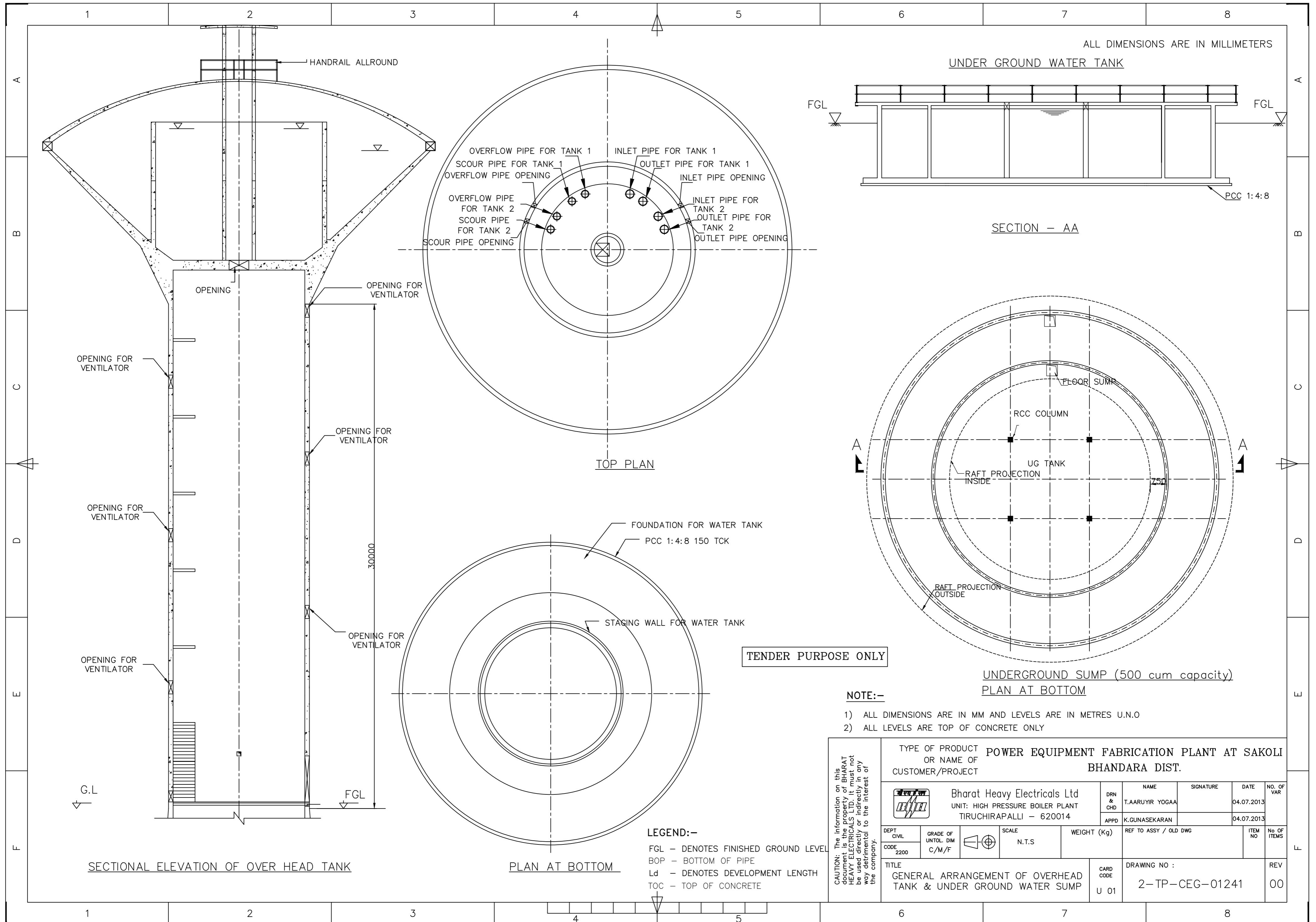
.....

.....

.....at the rates as indicated in Schedule 'A'.( Bill of Quantities)

Signature .....Date.....

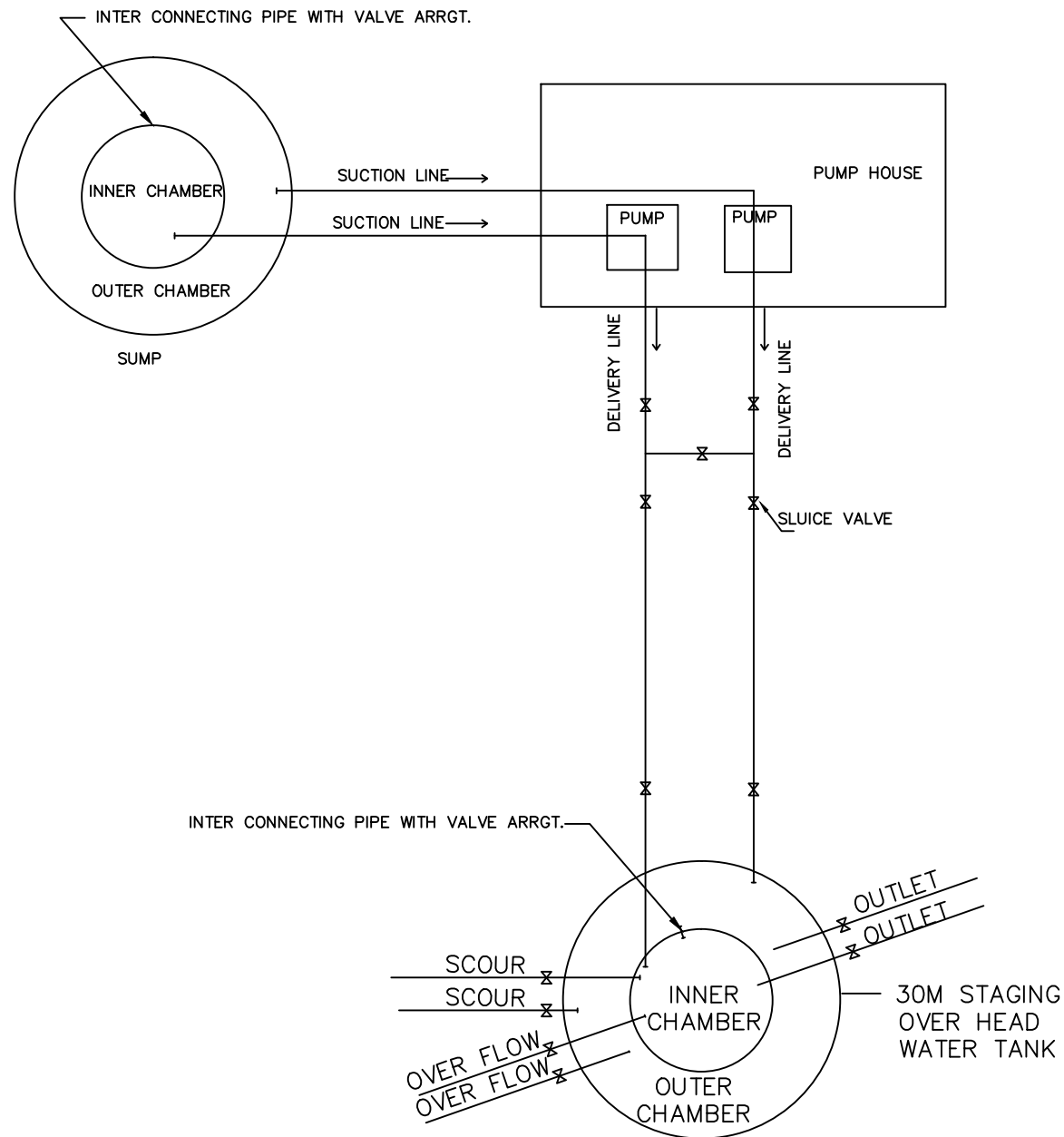
Designation .....



TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT		POWER EQUIPMENT FABRICATION PLANT AT SAKOLI BHANDARA DIST.				
<small>CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.</small>		<b>Bharat Heavy Electricals Ltd</b> UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		DRN & CHD T.AARUYIR YOGAA 04.07.2013	NAME SIGNATURE DATE NO. OF VAR	
	DEPT CIVIL CODE 2200	GRADE OF UNTOL. DIM C/M/F	SCALE N.T.S.	WEIGHT (Kg)	REF TO ASSY / OLD DWG	ITEM NO No OF ITEMS
TITLE		GENERAL ARRANGEMENT OF OVERHEAD TANK & UNDER GROUND WATER SUMP		CARD CODE U 01	DRAWING NO : 2-TP-CEG-01241	REV 00

DRAWING NO: 3-TP-CEG-01382

ALL DIMENSIONS ARE IN MILLIMETERS



SCHEMATIC DIAGRAM SHOWING THE  
DETAILS OF PUMPING/DELIVERY SYSTEM  
FROM OHT

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.		TYPE OF PRODUCT		POWER EQUIPMENT FABRICATION PLANT				
		OR NAME OF CUSTOMER/PROJECT		AT SAKOLI, BHANDARA DIST.				
DEPT CIVIL/PROJ. CODE 2200	GRADE OF UNTOL. DIM C/M/F		SCALE	WEIGHT (Kg)	NAME T.AARUYIR YOGAA	SIGNATURE 	DATE 	NO. OF VAR
					APPD K.GUNASEKARAN	REF TO ASSY / OLD DWG	ITEM NO	
TITLE SCHEMATIC DIAGRAM FOR OVERHEAD WATER TANK					CARD CODE U 01	DRAWING NO : 3-TP-CEG-01382		REV