

ORIGINAL COPY

TENDERER'S COPY

=====

TENDER

CIVIL TENDER SCHEDULE NO: 07/13-14

FOR

“Boring & sinking by boring system for a deep tube well and Installation of casing pipes, submersible pumping set including all Mechanical and Electrical accessories, fittings etc. for BHEL IVP, Goindwal Sahib Punjab.”

PART2-PRICE BID (VOLUME III)



BHARAT HEAVY ELECTRICALS LIMITED
(A Govt. Of India Undertaking)
INDUSTRIAL VALVES PLANT,
433, INDUSTRIAL COMPLEX
GOINDWAL SAHIB,
DISTT. TARN –TARAN,
PUNJAB , PIN-143422

CONTRACTOR

ACCEPTING OFFICER (BHEL)



ISO9001,ISO14001
OHSAS18001certified

BHARAT HEAVY ELECTRICALS LIMITED
(A Govt. Of India Undertaking)

INDUSTRIAL VALVES PLANT

Plot No. 433, INDUSTRIALCOMPLEX,
GOINDWAL SAHIB, Distt. TARN-TARAN,
PUNJAB- PIN-143422; (INDIA)
Phone: 01859-224621, 224653
Fax 01859-222061
Email: ts@bhelivp.in, rks@bhelivp.in

CIVIL TENDER SCHEDULE NO: 07/13-14

IMPORTANT NOTE

PURCHASER OF THIS TENDER DOCUMENT IS ADVISED TO CHECK AND ENSURE COMPLETION OF ALL PAGES OF TENDER DOCUMENT AND REPORT ANY DISCREPANCY TIMELY FOR CORRECTIVE ACTION, IF ANY, TO THE ISSUING AUTHORITY BEFORE THE BIDS ARE SUBMITTED. ORIGINAL COPY OF TENDER DOCUMENT COMPLETE IN ALL RESPECTS MUST BE SUBMITTED BACK AS PART OF THE BID WITHOUT WHICH THE SAME IS LIABLE TO BE REJECTED BY BHEL.

THIS TENDER SPECIFICATION ISSUED TO:

M/S-----

CONTRACTOR

ACCEPTING OFFICER (BHEL)

**CIVIL
TENDER
SCHEDULE
NO.
07/13-14**

NOTICE INVITING TENDER

{Volume 2 or Part 2 Price Bid}

Bharat Heavy Electricals Limited
Industrial Valves Plant
Goindwal, Punjab



CONTENTS

S/N	DESCRIPTION	Page No.
1	Schedule A (Price Schedule)	5-8
2	Schedule B (List of Free issue material from BHEL)	9
3	Schedule C (List of T&P issued by BHEL)	10
4	Schedule D (List of Drawings to be issued by BHEL)	11
5	Schedule E (<u>Lead Statement</u>)	12

CONTRACTOR

ACCEPTING OFFICER (BHEL)

SCHEDULE 'A'
BILL OF QUANTITIES CUM PRICE SCHEDULE

TABLE 1

I.No.	Description of Item	Unit	Quantity	Rate (in figures) (Rs)	Rate (in words) (Rs)	Amount (Rs)
1	Labour charge for Installation of One Tube well for boring through all type of soil or overburden- (Alluvium, clay, sand, gravel, pebbles etc) including the cost of Consumable, Fuel, Oil and soil Stabilizing Material for sinking tube well of required dia of 300 mm by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipment's, tools, plants & machineries required for the job, all complete as per direction of Engineer - in-charge, upto required depth below ground level. Exact Depth of boring to be decided at the time of execution.					
1.1	Up to 90 m Depth from NGL	RM	90.00			
1.2	Above 90 m Depth and upto 150 m Depth from NGL	RM	60.00			
2	Assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe and unplasticized PVC medium well screen (RMS) pipes with ribs conforming to IS: 12818, of required dia 175/200 mm and 150/175 mm respectively including required hire and labour charges, fittings & accessories and carriage from BHEL store etc. all complete, for all depths, as per direction of Engineer -in-charge.	RM	126.00			

CONTRACTOR**ACCEPTING OFFICER (BHEL)**

3	Labour Charge For Erection and Commissioning of Submersible Pump along with its motor as supplied by BHEL having required duty point capacity and along with 50 mm/75 mm dia GI heavy duty column pipes as supplied by BHEL for total length around 30-36 mtrs after complete fitting of these and lockable PVC submersible cable clamps of protecting device with necessary galvanized nuts, bolts, washers for all & Control Panel complete in all respect as directed by BHEL. This excludes cost of Pumps and its assembly, Pipes etc which will be supplied by BHEL Free of cost.	1 Job	1.00			
4	Gravel packing in tube well construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	cum	6.72			
5	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hrs	30.00			

CONTRACTOR

ACCEPTING OFFICER (BHEL)

6	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:					
6.1	200 mm dia	Each	1.00			
7	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.					
7.1	200 mm clamp.	Each	1.00			
8	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tube well as per IS: 2800 (part I).					
8.1	150 mm nominal bore pipe	Each	1.00			
9	Providing and fixing filter jali around slotted pipes of required apertures and slot to prevent fines all around pipes					
9.1	150 mm nominal bore pipe	Sqm	35.00			

A. Total Amount in Figures (sum of all items from 1 to 9)

(Rs.)

B.Add service Tax (Rs.)

.....

CONTRACTOR

ACCEPTING OFFICER (BHEL)

**C. Total Amount of works in Figures in Rs. including Service Tax
(Sum of A & B)**

.....

**D. Total Amount of works in words in Rs. including Service Tax
(Sum of A & B)**

.....

IMPORTANT NOTES:

- SERVICE TAX AS APPLICABLE SHALL BE EXTRA TO THE RATES QUOTED ABOVE _
- FOR THE INCLUSIONS AND EXCLUSIONS IN THE RATES TO BE QUOTED BY BIDDERS IN TABLE 1 ABOVE , REFERENCE OF RELEVANT CLAUSES OF SPECIAL CONDITIONS OF CONTRACT, GENERAL CONDITIONS OF CONTRACT, TECHNICAL CONDITIONS OF CONTRACT AND INSTRUCTIONS TO THE TENDERERS AND NIT COVER LETTERS AS DESCRIBED IN PART1 OF TENDER DOCUMENT SHALL BE TAKEN.
- ESTIMATED COST OF FREE ISSUE MATERIAL IS Rs. 1,71,624/-

CONTRACTOR

ACCEPTING OFFICER (BHEL)

SCHEDULE 'B'

THE FOLLOWING MATERIALS WILL BE ISSUED FREE OF COST TO CONTRACTOR FOR EXECUTION OF WORK AT BHEL STORE

SL.NO.	DESCRIPTION	PLACE OF ISSUE
1	UPVC CASING PIPES AND FILTER PIPES	BHEL STORE
2	SUBMERSIBLE PUMP SET AND WIRES	BHEL STORE
3	COLUMN PIPES WITH FLANGES	BHEL STORE

- 1 It will be the responsibility of the Contractor to submit his demands for the above stores in writing at least seven days in advance of the actual requirement.
- 2 Issue of Stores is subject of the availability at the place of issue cited above, items of stores to be issued by BHEL which are not available at the time of indenting by the contractor may be supplied by BHEL after necessary procurement. The contractor shall not be entitled to any claim of compensation for delay in the supply of stores by BHEL under any circumstances.
- 3 The materials will be issued only during the working hours of the BHEL Store Department (9.00 a.m. to 5:30 p.m.). Contractor shall have to transport them as soon as they are issued to him to the site of work at his own cost.
- 4 The steel materials if issued will be in random lengths and sizes as stocked by the BHEL and the cost of all cutting, conversion, substitution and fabrication as well as wastage shall have to be borne by the Contractor.
- 5 The contractor shall from time to time render proper account of all materials issued to him by BHEL. If he fails to do so, no further issue of materials will be made to him and he will be held responsible for any delay in the execution of the work which may occur on this account.
- 6 All surplus materials in good condition which are not returned to the BHEL Stores as also quantities of materials consumed in excess of the max. Permissible limit as fixed by BHEL shall be charged for at punitive rates.
- 7 The decision of the Engineer / Dy. General Manager / Manage as to the extent to which materials have been rendered surplus or consumed in excess of the actual requirements shall be final and conclusive and binding on the contractor

CONTRACTOR

ACCEPTING OFFICER (BHEL)

SCHEDULE 'C'**ISSUE OF TOOLS AND PLANTS TO BE ISSUED BY BHEL TO
CONTRACTOR FOR EXECUTION OF CONTRACT WORK**

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

a. Machineries shall not be operated over time without the written permission of the Sr. Engineer / Dy. Manager / Manager.

b. All Coolies, Watermen etc., required in addition to BHEL crew mentioned in column 4 above shall be arranged by the architect / consultant at his own expense.

CONTRACTOR

ACCEPTING OFFICER (BHEL)

SCHEDULE 'D'

NOTE: Following Drawings shall be issued by BHEL to Contractor during the execution of work and good for constructions.

.....NIL.....

CONTRACTOR

ACCEPTING OFFICER (BHEL)

SCHEDULE 'E'

LEAD STATEMENT

-----NA-----

CONTRACTOR

ACCEPTING OFFICER (BHEL)