

Bharat Heavy Electricals Limited**Industrial Valves Plant****433, Industrial Complex****Goindwal Sahib– 143422****Distt. Tarn-Taran (Punjab)****Department of Civil Engineering****PART 2// PRICE BID**

| | |
|-------------------------|--|
| Name of work | Laying of Drainage Pipe lines and Kerb Stones along the roads in factory premises of BHEL Goindwal Sahib, Punjab |
| Estimated Value of Work | Rs. 2067274.00 (refer DSR 2012) |
| Tender Notice No. | 14/12-13 |
| Time of completion | 03 (Three) Months from the date of receipt of LOI |
| LD penalty | Yes 1% per week |
| EMD | Rs 60,000.00; - <i> To be deposited in the form of demand Draft only Drawn in Favor of BHARAT HEAVY ELECTRICALS LIMITED , PAYABLE AT GOINDWAL</i> * Exempted to Micro and Small Enterprises (MSEs) |
| Tender Document Cost | Rs. 500.00 ; - <i> To be deposited in the form of demand Draft /Cash only Drawn in Favor of BHARAT HEAVY ELECTRICALS LIMITED , PAYABLE AT GOINDWAL</i> * Exempted to Micro and Small Enterprises (MSEs) |

IMPORTANT DATES

| | |
|--|--|
| Issue of Tender | From 22.03.2013 to 13:00 Hrs of 13.04.2013 |
| Last date of Submission of tender | 14:00 Hrs of 13.04.2013 |
| Date of opening of part 1 /technical bid | 15:00 Hrs of 13.04.2013 |

Bharat Heavy Electricals Limited
Industrial Valves Plant
Goindwal – 143422 (Punjab)
Department of Civil Engineering

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BHARAT HEAVY ELECTRICALS LIMITED
Industrial Valves Plant
GOINDWAL – 143422
DEPARTMENT OF CIVIL ENGINEERING

BHE: IVP: CIVIL: TENDER/2012-13/14

To,
The Tenderer

Dear Sirs,

Sub:

Ref: 1. Tender Notice No. 14/2012-13

Please find enclosed / attached non-transferable tender documents containing I) Technical Bid (68 pages) consisting of Tender Notice , Instructions to tenderers, Special and General conditions of contract, Annexures to be filled by tenderers ii) Price bid (12 pages) consisting of Schedules A,B,C,D&E which includes Bill of Quantities to offer your most competitive rate,

It is requested to submit your bid documents in three separate sealed cover / envelopes as described below

1)EMD Envelope: EMD envelope shall contain requisite **EMD of Value Rs. 60,000/-** in the form of DD only. Tenderers who had already remitted one time EMD should furnish the details of cash receipt No.....and date.....or Draft No.... and Date....., on the top of EMD cover. Tender without EMD / one time EMD reference will be summarily rejected and the Techno commercial bid & price bid shall not be considered.

In case of tender documents are downloaded from website, tender shall accompany the **tender cost of Rs.500/-** in the form of Demand Draft (separate) in addition to the EMD amount .**All Demand Draft shall be drawn in favour of BHARAT HEAVY ELECTRICALS LIMITED , payable at GOINDWAL SAHIB . In the case of non submission of Cost of tender document and EMD, Technical bid will not be opened.**

Note- Micro and Small Enterprises (MSEs) are exempted from paying of EMD and Tender document Cost provided they are registered with District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other as per "Micro Small and Medium Enterprises Development Act, 2006". They will have to submit registration certificate along with their tender.

2) TECHNOCOMMERCIAL BID ENVELOPE : This envelope shall contain duly filled in Technical bid documents signed along with Stamp by the tenderer in all the pages with documentary evidences for pre- qualification such as experience, value of work executed in the

similar nature of work, etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.

3) **The Price Bid Envelope:** This shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items in the SCHEDULE "A" Bill of Quantities of Price Bid.

You are required to go through all conditions and scopes of works stipulated in this tender document and visit the site of work. You should fill all detail in table 1 on page 5 of part 1 and undertaking on your letter head as per format on page 8 of part1, No deviation certificates etc as given in Annexure I to V of part1 and Fill the status in Checklist given on page 9-10 of part 1. Attach all credential documents in support of information given by you.

All Above three envelope shall be placed in One big envelope and shall be Sent and submit in sealed conditions to the office of undersigned or Drop in the tender Box placed in the Shop Annexe Block/Building on or before **13/04/2013** upto 14:00 hrs. Reference of Tender Notice No. , Name of Work and Address of the bidder shall be clearly written on top of the each envelope.

The Technical Bid will be opened on the same day at 15.00 hrs. In case of opening day falls on holiday or happened to be declared as a holiday, the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid/Conducting RA shall be intimated only to those bidders who have qualified after evaluation of the qualification bid/Technical Bid.

You / your authorized representative may participate in the tender opening.
Clarification if any, can be obtained contacting following phone No. 01859-224656, 224653, 224621, 224602.

Kindly acknowledge the receipt of the entire set of tender document. Thanking you,

Yours faithfully
For and on behalf of
BHARAT HEAVY ELECTRICALS LIMITED,

ENGINEER / CIVIL

Issued To,

Name Sh./M/S

Address.....

Date.....

SCHEDULE A**BILL OF QUANTITIES CUM PRICE SCHEDULE**

| S/n | Description of Work | Unit | Quantity | Rate (Rs.) in Fig. | Rate (Rs.) in Words | Amount (Rs.) |
|------------|--|-------------|-----------------|---------------------------|----------------------------|---------------------|
| 1 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m for all kinds of soil | Cum | 223.00 | | | |
| 2 | Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m including getting out the excavated soil, and then returning the soil as required, inlayers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : | | | | | |
| 2a | In All kinds of soil for RCC pipes of diameter size ranging from 80 mm to 300 mm | | | | | |
| 2.1 | up to depth 1.5 m | RM | 400.00 | | | |
| 2.2 | depth exceeding 1.5 m but not exceeding 3.0 m | RM | 275.00 | | | |
| 2.3 | depth exceeding 3.0 m but not exceeding 4.5 m | RM | 25.00 | | | |
| 2b | In All kinds of soil for RCC pipes of diameter size ranging Exceeding 300 mm but not exceeding 600 mm | | | | | |
| 2.4 | up to depth 1.5 m | RM | 6.00 | | | |
| 2.5 | depth exceeding 1.5 m but not exceeding 3.0 m | RM | 12.00 | | | |
| 2.6 | depth exceeding 3.0 m but not exceeding 4.5 m | RM | 32.00 | | | |

| | | | | | | |
|-----|---|------|--------|--|--|--|
| 3 | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : | | | | | |
| 3.1 | 150 mm dia. R.C.C. pipe | RM | 700.00 | | | |
| 3.2 | 450 mm dia R.C.C. pipe | RM | 20.00 | | | |
| 3.3 | 600 mm dia. R.C.C. pipe | RM | 30.00 | | | |
| 4 | Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2coarse sand : 4 graded stone aggregate 20 mm nominal size),foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design With common burnt clay F.P.S. (non modular) bricks of class designation 7.5. Inside size 120x90 cm including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : | | | | | |
| 4.1 | up to depth 0.9 m | Each | 12.00 | | | |
| 4.2 | depth exceeding 0.9 m but not exceeding 1.9 m | Each | 14.00 | | | |

| | | | | | | |
|-----|--|------|--------|--|--|--|
| 5 | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : | | | | | |
| 5.1 | For pipes 100 to 230 mm diameter | Each | 34.00 | | | |
| 5.2 | For pipes 350 to 450 mm diameter | Each | 2.00 | | | |
| 6 | Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4coarse sand) including 500x450 mm pre-cast R.C.C horizontal grating with frame complete as per standard design: With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | Each | 34.00 | | | |
| 7 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m. | Cum | 178.00 | | | |
| 8 | Disposal of Surplus excavated soil by mechanical means including loading and unloading within 1 Km of site and as directed by Engineer in charge. | Cum | 45.00 | | | |

| | | | | | | |
|---|--|-----|---------|--|--|--|
| 9 | Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand) including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge). | Cum | 150.00 | | | |
| 10 | Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturer's specifications: Two or more coats applied on walls @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @ 0.75 ltr / 10sqm. | Sqm | 1000.00 | | | |
| (1) TOTAL AMOUNT in Rs. (in figure) | | | | | | |
| (2) Add service tax if any | | | | | | |
| (3) Total Amount in Rs. including service Tax (in figure) | | | | | | |
| (4) TOTAL AMOUNT in Rs. in Words (Sum 1+2) | | | | | | |

NOTE:

- 1) That The item rates offered in 'Schedule A' of price bid are for finished item of works as per Bill of Quantities and shall provide for the complete cost towards fuel, tools, tackles, plant & machinery, temporary works, labor, materials, levies, taxes, transport, lay-out, repairs, rectifications, maintenance till handing over, supervision, labor colonies, establishment, services, roads, revenue expenses, overheads, profits & all other incidentals etc., complete.
- 2) That the Rates quoted in schedule A of price bid are excluding Service Tax but including all royalties, terminal taxes, Octroi duties, Central or Provincial Excise Tax, Sales Tax and any other taxes leviable under the State or Central Government rules on this work. The Bharat Heavy Electricals Ltd., will not entertain any claim whatever in this respect.
- 3) That the service Tax Claimed by us will be reimbursed on production of valid document / proof for having paid service tax by us only
- 4) The rates shall be valid for 3 months from the date of opening of Tender and if work is awarded on the rates quoted above or on negotiated rates then they shall remain firm during the execution of work. No price variation /over run charges on account of any increase whatsoever, (irrespective of whether escalation is steep/ unanticipated) will be payable during the entire period of execution of Contract including extended period, if any.

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 |
|---------------|---|----------------|
|NIL..... | | |
| 1 | It will be the responsibility of the Contractor to submit his demands for the above stores in writing atleast 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. | |

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.

SCHEDULE ' D '

NOTE: Following Drawings shall be issued by BHEL to Contractor for Information Purpose and during the execution of work

| SL.No. | DESCRIPTION |
|---------------|---|
| 1 | Layout of Drainage and Kerb Stone along the Factory Area of BHEL Goindwal which may be had from the engineer in charge. |

SCHEDULE 'E'

LIST OF APPROVED MAKE AND BRANDS TO BE USED IN WORK

Paint: Asian, Nerolac, Delux and other approved makes as per CPWD,IS STANDARDS.