

# TENDER

(Tender Ref. No.: JIL-YEW/NIT/2024/106 Dated 27.05.2024)

## VOLUME - II : ( BOQ)

For

**Construction of RCC Shoulder & Chute Drain at various locations  
from km 0.000 to km 165.000 along Yamuna Expressway.**

(Last Date for Submission of Bids: 10.06.2024)

**Issued By**

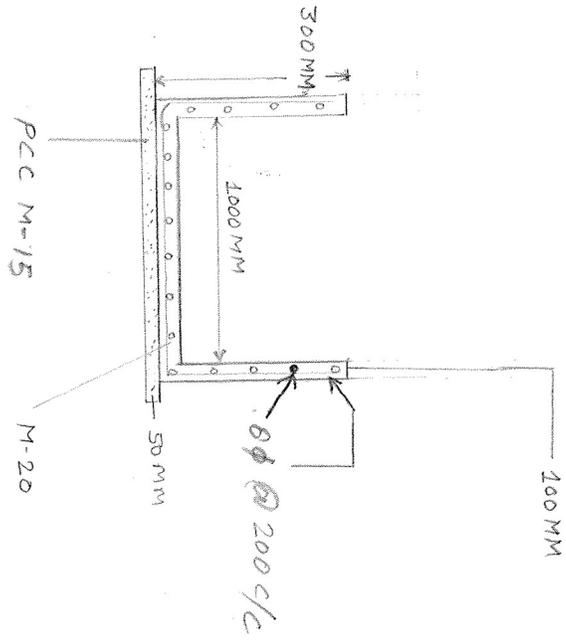
Jaypee Infratech Limited  
Sector 128, Noida – 201304  
Uttar Pradesh, India



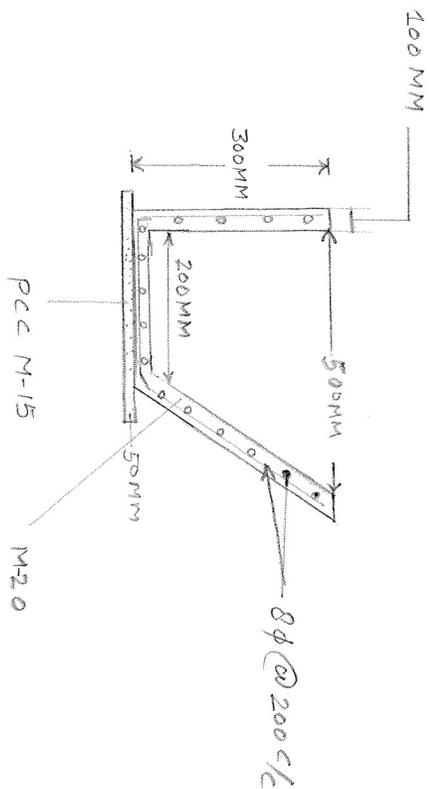
**PREAMBLE TO BILL OF QUANTITIES**

1. This Bill of Quantities (“BOQ”) shall be read in conjunction with all Volumes of the tender documents such as NIT, ITT & GCC and all other documents as mentioned in the tender documents.
2. Rates shall include the cost of all labour, materials, tools, plants and machinery, equipment, hoists, all form of works, steel scaffoldings, transportation and wastages etc. and testing of materials with Contractor’s testing appliances (as required), all other taxes, duties, levies, royalties, any other statutory obligations, Electricity, water, Contractor’s overheads & profit etc. Only GST shall be paid extra, as applicable.
3. The items of work set out herein which are further detailed in the work order, shall be carried out as per the approved drawings, specifications and directions of the Engineer-in-charge of Jaypee Infratech Limited (hereinafter called as JIL).
4. The Contractor shall be deemed to have studied the specifications and details of work to be completed within the time schedule and to have acquainted itself with the conditions prevailing at Site. The quoted rates shall be applicable for all works in any shape/size/section and design etc.
5. The quantities shown against various items, as provided by JIL, are estimated and provisional and are given to provide a common basis for bidding. The basis of payment will be made against actual measured quantities of work ordered and carried out items of Work as per BOQ. JIL (JAYPEE INFRA TECH LIMITED) reserve reserves the right to add/ delete/ alter/ modify/ withdraw any items or part of the item or to reduce or increase any quantity or area to any extent without any limitations. The Contractor shall have no objection to the same. The Contractor shall execute the work/ items/ area/ quantity as per actual and final requirement of the work as per instructions of Engineer-in-charge (EIC) of JIL. The Contractor will be bound to execute these items as per contract rates. JIL will not entertain any claims or damages or part of the profit (which the Contractor might not make due to change in the quantities). No extra claim is entitled on this account.
6. In cases where the specifications given in the Description of the item of work in BOQ are found wanting, the CPWD Specifications-2019 (with up-to-date correction slips), MoRTH & IRC Specifications, shall be followed; and where not specified, specifications of the latest edition of relevant IS codes shall be applicable. In case of any ambiguity in interpretation, JIL’s decision shall be final and binding.
7. The rates and the prices shall hold good for all heights/ depths leads, lifts and levels, working in all conditions including in/under water, liquid mud, foul conditions etc. unless otherwise specifically stated against an item in the BOQ.
8. Rates include all costs for disposal of rubbish or malba etc. (generated / accumulated by the Contractor during the execution of this work) outside the site premises, removal of labour hutment, any temporary structure etc., demobilization from site/any premises provided by JIL. Nothing extra shall be payable on any such account.
9. General directions and descriptions of work are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the contract documentation shall be made before entering prices against each item in the priced Bill of Quantities.
10. All materials samples to be submitted and got approved from JIL before execution of work.
11. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of Work.
12. The method of measurement of completed work for payment shall be in accordance with the Technical Specifications & IS Codes.

CHUTE DRAIN



SHOULDER DRAIN



CROSS - SECTION

## Bill Of Quantity (BOQ)

### Construction of RCC Shoulder & Chute Drain at various locations from km 0.000 to km 165.000 along Yamuna Expressway.

Item No.	Item Description	UNIT	Quantity	Rate (Rs.)	Amount (Rs)
			A	B	C = (A x B)
1	<b>Shoulder drain</b> : Construction of U-shaped RCC shoulder drain with road side slope - Providing & laying of 50 mm thick PCC- 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)M-15 at bottom, RCC 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size) M-20 of size 200 mm wide at bottom ,500 mm wide at top, height of drain is 300 mm from top of pcc, thickness of drain wall & base is 100 mm, using reinforcement steel 8mm dia @200mmC/C including excavation, back filling & shuttering complete in all respects as per drawing & direction of EIC.	metre	2220		
1	<b>Chute Drain</b> : Construction of U-shaped RCC chute drain - Providing and laying of 50 mm thick PCC- 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)M-15 at bottom, RCC 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size) M-20 of size 1000 mm wide at bottom, height of drain is 300 mm from top of pcc, thickness of drain wall & base is 100 mm , using reinforcement steel 8mm dia @200mmC/C including excavation, back filling & shuttering. complete in all respects as per drawing & direction of EIC.	metre	720		
<b>Total (without GST), Rs.</b>					

Amount in Words (without GST): Rupees.....  
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**Note:**

1. Only GST shall be paid extra as applicable.
2. All other taxes, Octroi, Royalty, Labour Cess, other Cess, Levies etc. are included in the above quoted rates.