

VIJAYAWADA MUNICIPAL CORPORATION

Name of the Work: Manning, Operation, Maintenance and repairs to VMCs 29 MGD Capacity Water Supply Scheme in Vijayawada from collection wells, treatment plants, pumping stations at Dr. K.L.Rao Head Water Works to clear water pumping mains up to reservoir filling including providing chemicals, consumables, workmen and all repairs along with necessary spares.

BID DOCUMENT FOR OPERATION AND MAINTENANCE Dr. K.L. RAO HEAD WATER WORKS (FINANCIAL BID – COVER B)



**OFFICE OF THE SUPERINTENDING ENGINEER,
MUNICIPAL CORPORATION
VIJAYAWADA**

TENDER FOR THE WORK OF:-

Manning, Operation, Maintenance and repairs to VMCs 29 MGD Capacity Water Supply Scheme in Vijayawada from collection wells, treatment plants, pumping stations at Dr. K.L.Rao Head Water Works to clear water pumping main up to reservoir filling including providing chemicals, consumables, workmen and all repairs along with necessary spares.

SECTION –11 FORM OF BID

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SECTION -13 FORM OF AGREEMENT

**SUPERINTENDING ENGINEER
MUNICIPAL CORPORATION
VIJAYAWADA**

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VIJAYAWADA MUNICIPAL CORPORATION**

11. FROM OF BID

(Note:- The Appendix forms part of the bid/ bidders are requested to fill up all the blank spaces in this form of bid and appendix.)

Name of the Contract:- Manning, Operation, Maintenance and repairs to VMCs 29 MGD Capacity Water Supply Scheme in Vijayawada from collection wells, treatment plants, pumping stations at Dr. K.L.Rao Head Water Works to clear water pumping main up to reservoir filling including providing chemicals, consumables, workmen and all repairs along with necessary spares.

To

Name and Address:
Of the employer
Commissioner,
Vijayawada Municipal Corporation,
Vijayawada-1.

Description of Works:-

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12. BILL OF QUANTITIES:

12. A. PREAMBLE

1. The bill of quantities shall be read in conjunction with the instructions to bidders. General and special conditions of contract, technical specification and drawings.
2. The quantities given in the bill of quantities are estimated and provisional and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the contractor and verified by the Engineer and valued at the rates and prices tendered in the priced bill of quantities where applicable, and other wise at such rates and prices as the Engineer may fix within the terms of the contract.
3. The rates and prices tendered in the priced bill of quantities shall except in so far as it is other wise provided under the contract, include all constructional plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the contract.
4. A rate or price shall be entered against each item in the priced bill of quantities, whether quantities are stated or not, the cost of item against which the contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the bill of quantities.
5. 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 were no items are provided in the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.
6. General directions and descriptions of work and materials 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 such item in the priced bill of quantities.
7. Errors will be corrected by the Superintending Engineer for any arithmetic errors in computation or summation as follows:
8. Where there is discrepancy between amounts in figures and in words, the amount in words will govern.

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VIJAYAWADA MUNICIPAL CORPORATION
Schedule –‘A’ Part-I

Name of the work: Manning, Operation, Maintenance and repairs to VMC’s 29 MGD Capacity Water Supply Scheme in Vijayawada from collection wells, treatment plants, pumping stations at Dr. K.L.Rao Head Water Works to clear water pumping up to reservoirs filling including providing chemicals, consumables, workmen and all repairs along with necessary spares.

Sl. No	Item	Qty.	Rate		Per	Amount	
			In words	In figures		In words	In Figures
1	Operation, Maintenance, Management and Production and supplying of 29 MGD potable drinking water from Dr. K.L. Rao Head Water Works and other allied infrastructure from the existing three numbers of Rapid gravity filtration plants by drawing raw water from in take well in Krishna River, Pumping machinery water treatment with coagulation, sedimentation, rapid gravity filtration, chlorination for disinfections, water quality testing and monitoring, flow and pressure measurement, preventive and reactive maintenance of all civil, mechanical and electrical units, administration, transport, communications, management information systems, reporting, including cost of all wages, chemicals, consumables, administration, transport, spares, insurance, spares etc., complete excluding cost of Power which will be supplied free of cost. Treated water should satisfy the relevant drinking water quality standards as mentioned in the contract and also as per CPHEEO manual standards. The cost included consumables such as alum, chlorine, lime if required, labour for maintenance of plant as per CPHEEO manual, stationary, supervising staff, repairs to pump sets, maintenance to pumpsets, transformers etc. the quoted rates should also included all taxes payable to Govt. from time to time but excluding the Service Tax. Service Tax will be paid extra at the prevailing rates specified from time to time. 29 MGD X 4.546 X 365.5 X 3 = 144556 ML or say 150000 ML						
	a) Fixed monthly management charge towards the cost of all wages, benefits, administration, stores, transport, communication, reporting, monitoring, preventive maintenance of all civil, mechanical, electrical and instrumentation units, flow and pressure measurement including all taxes, levies, etc complete.	36 Months			One month		
	b) Variable management charge towards the cost of all chemicals such as, alum, lime, liquefied chlorine gas, consumables, spares, reactive maintenance of civil, mechanical, electrical and instrumentation units including cost of all materials, wages, taxes, levies etc., complete	150000 ML			1 ML		

- Note: i) Service Tax @ prevailing rate will be paid extra. The same will be released after submitting the proper proof of payment.
Other wise the same will be deducted.
- ii) I.T. 2 .24% will be deducted from bill at the rate specified from time to time by the govt. which ever is higher
 - iii) NAC 0.25% will be deducted from gross bill at the rate specified from time to time by the govt. which ever is higher

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VIJAYAWADA MUNICIPAL CORPORATION
Schedule –‘A’ Part-II

Name of the work: Manning, Operation, Maintenance and repairs to VMC’s 29 MGD Capacity Water Supply Scheme in Vijayawada from collection wells, treatment plants, pumping stations at Dr. K.L.Rao Head Water Works to clear water pumping up to reservoirs filling including providing chemicals, consumables, workmen and all repairs along with necessary spares.

Sl. No	Item	Qty.	Rate		Per	Amount	
1	Supply, delivery at site, erection, commissioning of digital electro-magnetic flow measurement equipment for measurement and monitoring of flow in each clear pumping main on 3 W.T. plants at Dr. K.L.Rao Head water works, Vijayawada to facilitate flow measurement and monitoring preventive and reactive maintenance during 3 years contract duration, daily measurement, recording, reporting and monitoring of flows. The equipment shall be installed at the locations approved by the Engineer-in-Charge and shall facilitate ease of measurement with minimal manual efforts and shall conform to ISS/EES certification or Standards. This cost includes the cost of flow meter, wiring, M.S./C.I. specials, cost of labour charges for installation and maintenance for a period of 3 years including all taxes duties, levies etc., complete.	1 Job			1Job		

Note: i) VAT @ 4% will be deducted on the gross bill of the contractor at the rate specified from time to time by the govt. which ever is higher
ii) I.T. 2.24% will be deducted from bill at the rate specified from time to time by the govt. which ever is higher
iii) NAC 0.25% will be deducted from gross bill at the rate specified from time to time by the govt. which ever is higher

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13. FORM OF AGREEMENT

This form is included in the bidding documents only for the information of bidders. Only the successful bidder will in due course be required to complete the form.

FORM OF AGREEMENT

THIS AGREEMENT is made on the _____ day of **Between**
Commissioner, Vijayawada Municipal Corporation representing Vijayawada Municipal
Corporation, Vijayawada.

.....
.....

Herein after called the employer of the one part and

herein after called the contractor of the other part

WHEREAS the employer is desirous that certain works should be executed Viz.,

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VIJAYAWADA MUNICIPAL CORPORATION**

(Brief description of works) and has, by letter of acceptance dated. (Date of letter of Acceptance). Accepted a bid by the contractor for the execution, completion and maintenance of such works. NOW THIS AGREEMENT WITNESSETH as follows:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned them in the conditions of contract therein after referred to
2. The following documents shall be deemed to form and be read and construed as part of this agreement Viz.,
 - c. this form of agreement
 - d. the letter of acceptance
 - e. The said bid and appendix
 - f. The technical specifications
 - g. The priced bill of quantities
 - h. The drawings
 - i. The Schedules of supplementary information
 - j. The special conditions of contract (Part-II) and
 - k. The general conditions of contract (part-I)
 - l. The chit tender notice and tender schedules.
3. The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies shall take precedence in the order setout above
4. Inconsideration of the payment to be made by the employer to the contractor as herein after mentioned, the contractor hereby covenant with the employer to execute, complete and maintain the works inconformity in all respects with the provision of the contract.
5. The employer hereby covenant to pay the contractor in consideration of the execution, completion and maintenance of the works the contact price at the times and in the manner prescribed by the contract.

IN WITNESS WHEREOF the parties here to have caused their respective common seals to be herein to affixed (or have here into set their respective hands and seals) the day and year fist above written.

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SIGNED, SEALED AND DELIVERED

By the said

By the said

Name

Superintending Engineer,
Municipal Corporation,
Vijayawada.

On behalf of the contractor

On behalf of the employer

In the presence of:

In the presence of:

Name _____

Name _____

Address _____

Address _____

Bidders are not required to complete the form.

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VIJAYAWADA MUNICIPAL CORPORATION**

LETTER OF ACCEPTANCE

From
The Commissioner,
Municipal Corporation,
Vijayawada.

To
.....
.....
.....

SUBJECT : Tender for

REF : Offer No.

Dear Sir,

Kindly refer to your letter No. dated
..... forwarding the tender in response to this office advertisement No.
.....dated.....

You are hereby informed that the reference offer is accepted for the items of work as specified in bill of quantities attached here with limited to the quantities and values as shown in the above schedule.

The performance security in the form specified instructions to the Bidders within 7 days from the receipt of this letter and also requested to be present at the office of the Superintending Engineer, Municipal Corporation, Vijayawada for execution of contract documents.

The contract will be governed by the conditions of contract as set out in the tender documents subject to modifications accepted by the Superintending Engineer, Municipal Corporation, Vijayawada.

Yours sincerely,

Superintending Engineer,
Municipal Corporation,
Vijayawada

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**SUPERINTENDING ENGINEER
VIJAYAWADA MUNICIPAL CORPORATION**