



Madurai Corporation

Tender Document

Madurai Corporation

Section – I

Notice Inviting Tenders

Tender No.	: E.7/ 005143/22
Name of the Work	: Purchase of 6 Nos. hydraulic operated Desilting Machine Mounted on LCV for Madurai Corporation
Tender put value	: Rs.70,31,700/-
E.M.D.	: Rs.70,400/-
Period of Completion	: 3 Month
Date of Submission	: 31.05.2022, 3.00PM
Date & Time of Opening	: 31.05.2022, 3.30 PM
No of Covers	: Two Cover System

For and behalf of Madurai Corporation Sealed tenders are invited for **Purchase of 6 No's hydraulic operated Desilting Machine Mounted on LCV for Madurai Corporation** as noted in 'A' Schedule of this notice for the use in supply head works as per detailed specification enclosed herewith and it will received by Commissioner, Madurai corporation. For and on behalf of Corporation council sealed tenders are invited in the form prescribed for the work mentioned above and will be received by the Commissioner, Madurai Corporation upto **31.05.2022 , 3.00 P.M** as per office clock time and open the same day at **3.30 P.M** Bidding document is available <http://www.tenders.tn.gov.in> and website till **31.05.2022 ,3.00 P.M**

1. Tenders will be opened by the Corporation Engineer or by an officer authorized by the Commissioner in the absence of Corporation Engineer for this purpose at 3.30 P.M. on the said date in the presence of such of the meanderers or their authorized representatives as may attend.
2. Bids must be submitted to the **"The Commissioner, Aringar Anna Maligai, Tallakulam, Madurai-625002, Corporation of Madurai"** in person on or before **15.00 hours** on **31.05.2022** bids will be opened on **31.05.2022 15.30 hours**, in the presence of the bidders who wish to attend. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue. **(Original copy of EMD should be submitted to the Office before the prescribe date and time)**
3. **The Tenderer should be authorized Manufacturer/ Dealer/ certified Body Builder**

4. The E.M.D. should be in the form of Demand Draft from any Nationalized bank or scheduled banks payable at Madurai in favour of Commissioner, Madurai Corporation or by cash remitted at treasury counter, Madurai Should be enclosed with bid document. But the original **EMD** is received after the prescribed date and time will be rejected **the EMD exemption under any ground is not allowed**. The **EMD** will not bear any interest. Tenders not accompanied by **Earnest Money Deposit** will be rejected. The **Earnest Money Deposit** will be returned to the unsuccessful tenderers with in 15 days from the date of disposal of tender. In the case of successful tenderers, the **EMD** will be retained and converted as security deposit.
5. The Corporation will not accept letter authorizing the Department to adjust amounts towards **EMD/SD** out of the dues payable by the department to the tenderer.
6. If the tender is made by an individual, it shall be signed by him or his power of attorney in which case a certified copy of the registered power of attorney shall accompany the tender.
7. If the tender is made by proprietary concern, it shall be signed by the proprietor with his usual signature and furnish his full name with the full name of firm and its current address or his power of attorney in which case a certified copy of the registered power of attorney shall accompany the tender.
8. Attention is drawn to the Security Deposit to the extent of 2% of the total value of contract or such other security demanded which will have to be made with Commissioner, Madurai Municipal Corporation, Madurai by the successful tenderer and to his having to execute the contract attached within the time stated in the Letter of Tender. **In respect of the successful tenderer, the EMD remitted along with the tender shall be converted as Security Deposit. The EMD remitted in any other approved forms by the successful tendereer converted to security deposit and he will be called upon to pay difference between 2% contract value and EMD remitted by the notified that and before signing the contract agreement.**
9. The duration of the scripts shall be valid for the complete period of completion. The Security Deposit remitted by the successful tenderer shall not bear any interest. The form of agreement of the accepted tenderer will have to be executed with special adhesive stamps to a value of Rs.100/-, the cost of which must be borne by the tenderer.
10. The tender deposit of **Rs.70,400** /-of each unsuccessful tenderer will be returned to him as soon as possible after the final disposal of the tenders, The tender deposit of **Rs.70,400** /-of the successful tenderer will be returned to his after he has deposited the required Security Deposit and agreement executed.
11. It should be clearly understood that the prices quoted in the tender are to include everything required to be done by the conditions of the contract and specification or by any drawings therein referred to, and also all such work as is necessary to the roper completion of the contract, although special mention thereof may have been omitted in the specification and schedule or drawings.
12. The Commissioner, Madurai Municipal Corporation, Madurai does not bind itself to accept the lowest or any tender and will not assign any reason for its action in their respect.

13. The Commissioner, Madurai Municipal Corporation, Madurai reserves the right to subdivide the contract between two or more tenderers.
14. The successful tenderer will not be exempted from the payment of any municipal rates, tolls or taxes in consequence of his being contractor for the Commissioner, Madurai Municipal Corporation, Madurai.
15. The tenders shall be open for acceptance for a period of ninety days from the last date fixed for the receipt of tenders.
16. The tenderers should be able to commence the supply of the Vehicles within **90 days** from the date of communication or acceptance of this tender and complete the supply as mentioned in the schedule from the date of communication or acceptance of this tender and execute agreements for the supply of Vehicles.
17. Any further information required may be obtained from the Office of the Commissioner, Madurai Municipal Corporation, Madurai – 625 002. e-mail Address: mducorpce@gmail.com Contact No.:0452-2532412
18. The rates should be quoted both in figure and in words. In case of discrepancy between the prices quoted in words and in figures, lower of the two shall be considered.
19. All disputes under this contract are subject to Madurai jurisdiction only.
20. The payment will be made within 30 days after acceptance of Vehicles at Vehicle Division under Madurai Municipal Corporation, Madurai.
21. Note: 1. The rates quoted shall include the delivery of the Vehicle to the Commissioner, Madurai Municipal Corporation, Madurai.
22. Reputed Manufacturers or their authorized dealers or certified bodybuilders only to participate in the tender.
23. Proof should be furnished in number of years of standing in the business.
24. Conditional tenders will not be considered.
25. The Commissioner, Madurai Municipal Corporation, Madurai will fix the third party inspection agency at Madurai Municipal Corporation Cost to inspect the Vehicles to be supplied by the company to ensure as per the specification of the Vehicle.
26. Supply and delivery of Vehicles to: The Commissioner, Madurai Municipal Corporation, Aringar Anna Maligai, Tallakualm, Madurai – 625 002.
27. Delivery period : Within 90days from the date of issue of purchase order
28. Payment : Within 30 days after acceptance of Vehicles at Vehicle Division.
29. Validity of Tender : 60 Days
30. EMD : **Rs.70,400/-The offer without EMD will not be considered.**
31. The prices should be firm till completion of supply.
32. The quoted rates should be only on unit basis.
33. The tax component should be furnished separately.
34. Delivery time is the essence of the contract.

35. The Madurai Municipal Corporation reserves the right to accept or reject the tenders wholly or partly depending on its requirement on the date of order without assigning reasons. Madurai Municipal Corporation also reserves the right to increase or decrease the quantity.
36. Within the validity period of tender enquiry no change in price by the tenderer shall be permitted after the opening of tenders. If any tenderer changes the price quoted by him in his tender after opening of tender, the concerned tender would become liable for refection.
37. Tender Issuing authority may reject or prefer any tender without assigning any reasons and may or may not accept the lowest or any tender, The MMC further reserves the right to accept the tender in part or parts only.
38. Inspection of Vehicles will be done by the third party inspection agency fixed by the MMC.
39. It may clearly be noted that the Tender should accompany in this specified tender book with all necessary details and signed in Letter in Tender and Schedule.
40. As per clause 14.7A of the Tamilnadu Transparency in Tenders, Rules 2000, the criteria for evaluation and comparison of tenders shall also provide for a price preference of fifteen percent for domestic small scale industrial units and ten percent for the public undertaking of the Government in respect of products and quantities manufactured by them.
41. The tenders will be evaluated as per the Tamil Nadu Transparency in Tender Act 1998 and Tamil Nadu Transparency in Tender Rules 2000.

Corrupt or Fraudulent Practices

42. The Employer requires that Bidders observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Employer defines, for the purposes of this provision, the terms set forth below as follows.

(I) **corrupt practice**” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

(II) **“fraudulent practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition or furnishing of false and fabricated documents

will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Bank-financed contract. Further, Criminal proceedings will also be initiated against the Bidder/ Contractor.

SCOPE OF PROJECT :-

The Scope of this Project is to increase the Strength of the Machinery used for underground sewerage system which will be more help full to rectify in drainage blocks and also to have an effective operation and maintenance system of underground sewerage system in Madurai Corporation.

Terms of Payment :

Payment for this work will be made in **Two** parts.

The **First part** of the payment will be for the procurement of the vehicle chassis. The procurement can either be done by MCC or by successful bidder as directed by MCC, at its discretion. If the purchase of chassis is done by the bidder. As soon as the successful tenderer enters into the Contract Agreement with the Corporation, The tenderer should produce the Proforma invoice of the Chassis in the name of THE COMMISSIONER, Madurai Corporation. Later Corporation will arrange to pay the chassis manufacturer for the brand of vehicle chassis (with day cabin) the tenderer recommends in their tender. This payment will be directly made to the chassis manufacturer concerned by way of Cheque / Demand Draft after deduction of 2% IT towards TDS and 2% for GST.

The **Second part** of the payment will be for the Supply and delivery of Desilting machine mounted on the LCV, carrying out necessary works on Supply and delivery of Desilting machine as per the technical specifications contained in this tender document.

After delivery and Commissioning of vehicles, the payment will be made after deducting 5% Withheld + 2% of the Body Building value towards TDS and 2% for GST.

QUALIFICATION CRITERIA FOR THE BIDDERS:-

1. Bidders should be a registered manufacturer/Distributor/Dealer/ certified bodybuilder, Dealership certificate from manufacturer should be enclosed.
2. Bidders should have previous experience in supply of sewage Desilting machines Mounted on LCV with capacity of 500-600Ltrs at least 4 no's in a single order or similar kind of machines to any Municipality/Corporation/Sewerage Boards /private Sectors in India. In proof thereof, copies of the Performance Certificate issued by the purchasers (should be signed not less than the grade of an Executive Engineer) concerned should be enclosed. The performance of the same should be dated within one year from the date of tender submission.

3. Average turnover in any three of the last five financial years shall be 50% of the tender value. In proof thereof, notarized copy of the audited balance sheets or IT return certificate and associated document duly certified by their Chartered Accountant should be submitted along with the bid.
4. Certificate of registration or GST certificate should be enclosed.
5. The Bidders should not been Black listed by any Government Agency in the past Years for any reasons whatsoever. A self declaration in form of an understanding to this effect should be given in Rs. 50/- valued India Non-judicial stamp paper duly notarized and should be enclosed along with their bid.
6. The tenderer should have a full-fledged service centre in Tamilnadu and should have been functioning more than 1 year before the date of submission of the tender. In proof thereof, the in registration certificate of the service centre should be submitted. No Joint ventures with local service centers are allowed.
7. All copy of certificates in support of the above should be **attested by notary public/officers** not below the rank of Executive Engineer.

TECHNICAL SPECIFICATION FOR DESILTING MACHINE MOUNTED ON LCV

A) Chassis: chassis like Tata Ace Gold / Mahindra mini truck VX / Any Equivalent model with Diesel Engine, Four Wheeler, BS-VI Version along with Cabin with **PTO provision.**

Technical Specification:

Displacement (CC) / Engine Capacity	: 700 cc – 950 cc
Max Power	: 20-30 Kw @ 3000 rpm and above
Max Torque	: 40-60 Nm @ 1500 rpm and above
Type of fuel	: Diesel
Vehicle emission Norms	: BS –VI
No of cylinder in engine	: 2 Nos
Length of chassis	: 3800 mm - 3950 mm
Width of chassis	: 1500 mm – 1620 mm
Overall Height	: 1800 mm – 1950 mm
Wheel base	: 1900 mm – 2100 mm
Gross vehicle weight	: 1600 kg -8900 kg
Pay load	: 700kg – 1000 kg
Transmission System	: Manual
Clutch	: Single plate dry friction diaphragm
No of Speed / Forward gears	: 4 Nos
Speed Governors	: Shall be fitted

B) Body Building:

Design, fabrication and supply of scientifically designed 0.55 cu.m of hydraulically operated, desilting machine mounted on a diesel engine four-wheeler vehicle for quick clearing of silt, liquid waste from manhole, wet well etc in UGSS Collection system by hydraulically operated grab bucket. Silt shall be loaded from 30 feet deep man hole and emptied into the hopper mounted on four-wheeler vehicle. The lifting capacity is minimum 50 kg. The telescopic boom with provision of lifting up, down and swiveling **180** degree hydraulically to make the position of grab bucket and to unload the silt into the hopper as per the standard specification.

Technical Specification:

Rear Hopper Size: 0.55 Cu.m Capacity, Bucket Lifting capacity: 30 to 50 kgs. Bucket lifting Length: 20' to 30' feet, Hydraulic PTO pump: Any Branded Pump 24 litres capacity, Hydraulic Spool Valves- Make: Any reputed brand, Hydraulic Cylinder- Any reputed brand, Hydraulic Hoses-BSI standard hoses. Hydraulic Pump- Interpump, Bearing- Any reputed brand. Hydraulic Motor, With all Standard Hydraulic Equipment's, Gear box, hydrometer hydraulic Spool, ISO Standard Hydraulic Crimped Hoses as per our standard specifications with all hydraulic statutory fitments, painting & Slogan Writing as per Customer need and our Standard Specification.

Warranty Time : 1 year

Including Insurance, Road tax, Permanent Registration, Insurance, Transportation and other Charges till delivery at Madurai Corporation office.

Submission of Bids

Sealing and Marking of Bids

The intending bidder should submit tender in two cover system. The cover containing EMD and other clearance certificate, qualification and information etc., shall be super scribed as “Technical Bid”. Another cover containing the duly filled in tender schedule shall be super scribed as “Price Bid”. Both these covers shall be put in a single big envelope and shall be submitted.

The Cover super scribed as “Technical Bid” will be opened first. The Price Bid cover will be opened only if the document required in the Technical Bid cover viz., EMD and other clearance certificate, other relevant certificate and work experience etc., are found in order as per the tender conditions. If Technical Bid is not submitted with these particulars, the Price Bid cover will not be opened and the tender will be rejected and returned to the bidder “un opened”

The **inner and outer** envelopes shall

- (a) be addressed to the Employer at the following address:

The Commissioner,
Madurai City Municipal Corporation
Aringar AnnaMaligai, Tallakulam,
Madurai-625002.

bear the following identification:

Name of work : Purchase of 6 Nos. hydraulic operated Desilting Machine
Mounted on LCV for Madurai Corporation

Bid Reference No. : **E.7/ 005143/22**

DO NOT OPEN BEFORE 15.30 hours on **31.05.2022,**

If the outer envelope is not sealed and marked as above, the **Tender Inviting Authority** will assume no responsibility for the misplacement or premature opening of the bid.

Deadline for Submission of the Bids

Bids must be received by the **Tender Inviting Authority** at the address specified above not later than **15.00 hours on 31.05.2022**. In the event of the specified date for the submission of bids is declared a holiday, the Bids will be received up to the appointed time on the next working day.

19.2 The **Commissioner** may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 9, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.

Late Bids

20.1 Any Bid received by the **Tender Inviting Authority** after the deadline will be returned unopened to the bidder.

Municipal Administration and Water Supply department

Madurai Corporation

Section – IV

FORM OF AGREEMENT

Articles of Agreement made this
Hundred and ninety nine
between Thiru..... hereinafter
referred to as the contractor which expression shall where the context so admits include his heirs,
executors, administrators and legal representatives of the one part and the Corporation (hereinafter
called the Department) which expression shall where the context so admite include its successors
in office and assigns) of the other part. Whereas the contractor delivered to the Department the
tender which was opened on one thousand nine hundred and ninety where by
the contractor offered and undertook to carry out the works specified under this contract and
accessory work in name of work.

In the state of Tamilnadu in India, and provide the works, Vehicles matters and things
described or mentioned in these presents at the prices set forth in the schedule annexed to such
tender and the contractor also undertook to do all extra and varied works which might to ordered as
part of the contractor on the terms provided for in the conditions and specifications hereto annexed
and Department accepted such tender in pursuance where of the parties here have entered into this
contract.

And whereas the contractor in accordance with the terms of the said tender has deposited in
the office of the..... Engineer, the due and faithful
performance by the contractor of this contract, the sum of Rs.....
(Rupees.....)

And whereas the contractor fully understands that on receipt of communication of
acceptance of tender from the accepting authority, there emerges a valid contract between the
contractor and Department represented by the officer accepting the agreement and the tender
documents i.e., tender notice, letter of tender, bill of quantities and other schedule, general
conditions to the contractor and special conditions of the tender, negotiation letter communications
of acceptance of tenders, shall constitute the contract for this purpose and be the foundation of
rights of both the parties, as defined clause of tender notice. Now hereby agreed that no
consideration of payment of the said sum of Rs.....
(Rupees.....) or such other sum as may be arrived at under the
clause of the General conditions of the contract relating to payment of final measurement at unit
prices, the contractor shall and well within the time specified in his letter of tender thoroughly and
efficiently and in a good workman like manner perform, provide, execute and do all the works,
Vehicles matters of things incidental to or necessary for the entire completion of the works
specified under this contract and necessary works including all works shown in the drawings
hereinafter referred to or described or set forth the said specifications and schedule hereto annexed
and in accordance with such further drawings and instructions as the Engineer of the Department
or other Engineer duly authorised in that behalf thereinafter and in t he annexed documents
referred to as the Engineer) shall at any time in accordance with the said schedule
(Bill of quantities) and specifications provide and give together, with any alternations in the works
or additions thereto, in the time and manner in such schedule (Bill of quantities) and specifications
stipulated to the entire satisfaction of the Engineer, and their successors covenant and agree with
the contractor that during the progress of the works and on the completion of contract to the

satisfaction of the Engineer, the Department shall and will from time to time on receiving the certificate in writing of the Engineer, the Department shall and will from time to time on receiving the certificates in writing of the Engineer pay to the contractor according to such certificates and the terms of this contract subject nevertheless to deductions or additions thereto or there from which may be lawfully made under terms of this contract. It is hereby mutually agreed and decreed as follows.

- a) All certificates or notices or orders for items or for extra varied or altered works which are to be the subject of an extra or varied charge shall be in writing shall not be valid or binding or be of any effect whatsoever.
- b) The terms contract shall include these presents and the notice inviting tender, letter or tender, bill of quantities and other schedules general conditions and specifications hereto annexed and plans drawings herein and hereafter referred to.
- c) The arbitrator for fulfilling the duties set forth in the arbitration clause of the general conditions of the contract shall be.
 - i) If the contractor claims that the decisions or the instructions of the Engineer/Department are unjustified and that accordingly, he is entitled to extra payments on account thereof he shall forthwith notify this to the Engineer/Department to record his decisions and reasons there for in writing and shall within two weeks state his claims in writing to the Engineer/Department thereafter. The Engineer/Department shall thereafter within four weeks of the receipt of the claim, reply to the points raised in the claim. Unless resolved by negotiation or discussions immediate thereafter within further four weeks the question of liability for such payment will be treated as a dispute.
 - ii) Engineer/Department during the progress of the work, the mode or manner of the exercise of discretion shall not be a matter for arbitration.
 - iii) The decision of the Engineer/Department shall be final, conclusive and binding on all parties to the contract upon all questions relating to the meaning of specifications, design, drawings and instructions, and as to the quality of workmanship or Vehicle used on the work or any matter arising out of or relating to the specifications, designs and drawings and instructions concerning the works or the erection of or failure to execute the same arising during the course of works. The above shall not be the subject matter of arbitration and in case shall the work be stopped consequent on such a dispute arising and the work shall also be carried out by the contractor strictly in accordance with the instruction of the Engineer/Department.
 - iv) In case any question, difference or dispute shall arise on matters other than sub clauses (ii) and (iii) and above and except any of the "exclude matters" mentioned in clause 24 touching the construction of any clause herein contained on the rights, duties and liabilities of the parties hereto or any other way touching or arising out of these presents the same shall.
 - a) In cases where the total value of claims, under the contract is less than and upto Rs . 50,000/- be referred to the interpretation decision and award of a Superintending Engineer of the Department at the sold Arbitrator whose decision shall all be final and binding on the parties to the contract.
 - b) In case where the value of claims is more than Rs. 50,000/-the parties will seek remedy through the competent civil court having local jurisdiction.

- c) The provisions of the India Arbitration and Reconciliation Act 1998 and the rules there under the statutory modification thereof shall be deemed to apply to such reference and deemed to be incorporated in the contract. The arbitrator shall state the reasons for the award.
- d) Provided always the contractor shall not except with the consent in writing of the Engineer in any way, delay carrying out works with all the diligence and shall until the decision of the Engineer/Department and no award of the Arbitration/Competent Civil court shall relieve the contractor of his obligations to adhere strictly to the instructions of the Engineer/Department with regard to the actual carrying out of the works.
- e) Time shall be considered as essence of the contract and the contractor hereby agrees to commence the work within 30 days from the date of acceptance of his tender by the Department complete the work within. Three/Six/Nine months and to show progress at the stipulated rate subject nevertheless to the provisions for extension of time contained in clause 57 of the general conditions of contract.

In witness where of the contract On behalf of the Department have caused there common seal to be affixed the day and year first above written. Signed, sealed and delivered by the said.

In the presence of

Signature of Contractor

Name and seal.

Signature, Name and
Designation of work.

Signed, by on behalf of
Municipal corporation/Municipality / ULB
Signed, Name and
Designation of witness.

Commissioner _____ Madurai Corporation /

SECTION V

LETTER FOR NEGOTIATION

In pursuance of negotiation with the Superintending Engineer of
Corporation on.....

I/We agree to reduce the rates for the items in the Schedule s follows.

Sl.No.	Item No. in the Schedule	Reduced rate per unit
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Signature of contractor.

SECTION-VI

FORM FOR EXTENSION OF TIME

1. Name of work as in Agreement :
2. Estimate No. and amount :
3. Estimate value put to tender :
4. Agreement No. and amount :
5. Date of handing over of site :
6. Date fixed for completion :
7. Extension of time already granted :

Reasons					
Extension	Executive Engineer's Reference No. and Date	Period	Due to contractor	Due to Department	Due to natural calamities
<hr/>					
I.	Extension				
II	Extension				

(Copies of orders shall be enclosed)

8. Period for which now extension as applied for by contractor.

Reasons					
Extension	Executive Engineer's Reference No. and Date	Period	Due to contractor	Due to Department	Due to natural calamities
<hr/>					
1.					
2.					
3.					

9. Extension time now recommended :
10. a) Remarks for the justification for Recommendation of extension of Time (If not recommended as Requested by the contractor, Reasons for rejection or Shortening the duration) :
10. b) Whether any penalty has been Imposed already :
- 11.. Whether any penalty has been proposed For the delay cause due to the hindrance Of the contractor :
12. Whether any penalty imposed is to be Refunded :
13. Remarks regarding the progress shown by Contractor after imposing penalty :
14. Details of extra work and amount invoiced (additional item, etc.,) :
 - (a) Total value of extra work :
 - (b) Proportionate period of extension of Time based on estimated amount put to Tender on account of extra work :
15. Total extension of time required for 9 and 14:

Date:

Superintending Engineer

Madurai Corporation

LETTER OF CONSENT

“I AGREE TO ABIDE BY ALL THE STANDARD CONTRACT TERMS AND CONDITIONS NOTIFIED BY THE MADURAI CITY MUNICIPAL CORPORATION WHICH I HAVE AND UNDERSTOOD”.

“I CERTIFY AND CONFIRM THAT NONE OF MY FAMILY MEMBERS (FAMILY AS DEFINED IN THE CORPORATION ACT) ARE HOLDING ANY OFFICE IN MADURAI CORPORATION.

CONTRACTOR

‘A’-Schedule

"A" - Schedule Form

Name Of the Work:- Purchase of 6No's Hydraulic Operated Desilting Machine Mounted on LCV for Madurai Corporation

Estimate No.:- E.7/ 005143/22				
Sl. No	QTY	Description of Work	Unit	Rate in words & figures
1	6Nos	<p><u>Technical Specification of 8No's hydraulic operated Desilting Machine Mounted on LCV</u></p> <p>A) Chassis like Tata Ace Gold / Mahindra mini truck VX / Any Equivalent model with Diesel Engine, Four Wheeler, BS-VI Version along with Cabin with PTO provision.</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> • Displacement (CC) / Engine Capacity : 700 cc – 950 cc • Max Power : 20-30 Kw @ 3000 rpm and above • Max Torque : 40-60 Nm @ 1500 rpm and above • Type of fuel : Diesel • Vehicle emission Norms : BS –VI • No of cylinder in engine : 2 Nos • Length of chassis : 3800 mm - 3950 mm • Width of chassis : 1500 mm – 1620 mm • Overall Height : 1800 mm – 1950 mm • Wheel base : 1900 mm – 2100 mm • Gross vehicle weight : 1600 kg -8900 kg • Pay load : 700kg – 1000 kg • Transmission System : Manual • Clutch : Single plate dry friction diaphragm • No of Speed / Forward gears : 4 Nos • Speed Governors : Shall be fitted 	1 No	
		B) GST for Chassis (28%)		

2	6No's	<p>C) <u>Body Building:</u></p> <p>Design, fabrication, manufacturing, supply and delivery of scientifically designed 0.55 cum of hydraulically operated, desilting machine mounted on a diesel engine four-wheeler vehicle for quick clearing of silt, liquid waste from manhole, wet well etc in UGSS Collection system by hydraulically operated grap bucket silt can have loaded from 30 feet deep man hole and emptied into the hopper mounted on four-wheeler vehicle. The lifting capacity is minimum 50 kg. The telescopic boom is lifted up and down and swiveling hydraulically to make the position grap bucket and unloaded the silt into the hopper as per the standard specification. Fabricating and mounting of Desilt machine for cleaning of Silt in the Manhole & Wet wells.</p> <p>WarrantyTime:1years</p> <p>Including Insurance, Road tax, Permanent Registration, Transportation and other Charges till delivery at Madurai Corporation office.</p>	1 No	
		D) GST for Body Building 18%		
Grand Total(A+B+C+D)				

Address :

Challan No :

Contractor's Signature