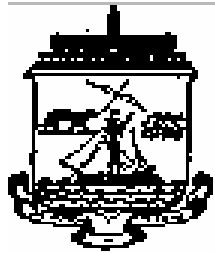


M.E.D.C.NO.M1 / 1500 / 10

CORPORATION OF CHENNAI
Mechanical Engineering Department



**CONTRACT FOR THE SUPPLY OF EXCAVATOR
EQUIPMENTS WITH GRAPPLER ATTACHMENT FOR
TRANSFER STATIONS
- 03 Nos.**

TECHNICAL BID

SUPERINTENDING ENGINEER (M)

Cost of tender forms : Rs.16,875/-

CORPORATION OF CHENNAI

RIPON BUILDINGS, CHENNAI – 600 003

TENDER NOTICE

Superintending Engineer (Mechanical), Corporation of Chennai invites sealed tenders in “Two Cover system” (Techno commercial & Price bids) from the reputed manufacturers of firms dealing in the line for the following work

Sl. No.	Description of Tender	Qty	EMD to be paid	Due Date	Last date for issue of blank tender	Contract period
1	Supply of Excavator Equipment with Grappler attachments for transfer stations	3 Nos.	Rs.1.80 Lakhs in the form of Demand Draft or Bank Guarantee from Nationalized/ Scheduled banks.	14/05/10	12/05/10	1 year

The tender documents can be purchased at the cost of Rs.15,000/- + Tax , in the form of DD for each tender from the office of Superintending Engineer (Mech) , Ripon Buildings, Chennai – 600 003 on any working day between 10.00 am to 3.00 p.m. on all working days or can be downloaded from Website <http://tenders.tn.gov.in>. The tender shall be submitted on or before 3.00 pm on 14/05/2010.

Interested tenderers may obtain further informations from the office of Superintending Engineer (Mech) at the address given above.

The tenders shall be submitted in sealed covers up to 3.00 pm . The covers “A” of the tenders will be opened on after 14/05/2010 3.00 pm, at the office of Chief Engineer (General), Ripon Buildings. Opening of Price Bid will be intimated separately.

Sd.
Superintending Engineer (M)
Mechanical Engineering Department

Scope of work

The scope of work involves supply and commissioning of Crawler mounted Excavator Equipment fitted with multitine and **without bucket** as per specifications attached in the Technical bid. The excavator equipment should meet the requirement of Motor vehicle Act 1989 with the latest emission norms, if any.

ELIGIBILITY

1. The tenderer shall be the Manufacturer of Excavator equipment or their Authorized dealers.
2. The Tenderer shall have achieved a Total Turn-over of atleast 3 Crores in the last three years.
- 3. The equipment of the same model quoted in this tender should have been sold not less than 10 Nos. by the manufacturer or their authorised dealer.**
4. The Tenderer shall supply a list of customers so as to enable Corporation of Chennai to get reference on the performance of the machine.
- 5. The rate quoted should include Entry tax, if any. There will be no liability on the part of Corporation of Chennai in any event of demand for Entry Tax after supply of machine. It is the complete responsibility of the tenderer to ensure that Entry Tax, if needed shall be paid by them.**
6. Tenderer should produce performance certificate from any 5 customers of which 3 of whom should be from Govt./Quasi-Govt/local body.
- 7. The tenderer should attach solvency certificate for Rs.2 Crores.**

Necessary documentary evidences shall be attached as proof for each of the above.

Signature of tenderer

MANDATORY CONDITIONS

The tender will be rejected if the tenderer

- a) Stipulates the validity period less than what is stated in for the form of tender
- b) Does not fill in and sign the Tender Form, Specification of the articles and works as well as Bill of Quantities and Rates completely.
- c) Does not submit the Tender in sealed envelope.
- d) Does not mention the company address in the sealed envelope.
- e) Does not submit the Original Tender Form duly signed and stamped.
- f) The Cover 'A' (Technical bid) & Cover 'B' (Financial Bid) should be sealed separately and they should be put in to an outer envelope which should also be sealed, failing which, the tender will be rejected.
- g) Submit the tender without stating the rates in words and / or in figures and / or both.
- h) Submit the tender without Manufacturer/Authorised dealer Documentary Evidence of supplying Hydraulic Excavator equipments.
- i) Does not quote for all the items stated in the schedule of quantities.
- j) Does not contain the Make & Model of the Grappler Attachment to be supplied.
- k) All tenderers should comply strictly as per specification, terms & conditions laid out on the tender documents.
- l) Conditional tender like request for advance payment/delay in delivery period etc. shall be summarily rejected.
- m) Does not attach solvency certificate for Rs.2 Crores.

Signature of tenderer

NAME OF THE TENDERER M/S.....

ADDRESS.....

.....

Tender for the supply of Excavator Equipment with Grappler

Attachment for transfer stations -3 Nos

SPECIFIC INSTRUCTIONS TO TENDERERS

The Corporation of Chennai invites sealed tenders for the supply of 3 nos. of Excavator equipment with Grappler attachment as per the terms and conditions and specifications given below;

1. The tenders are invited in two cover system i.e., cover "A" containing Technical and cover "B" containing only Financial Bid. Both these covers will be sealed individually and they will be put in to an outer envelope which will also be sealed. The cover "A" will be opened on due dates as specified in the Tender Notice. The cover "B" will be opened only after receipt of clarification if any from the tenderers. The due date of opening of cover "B" will be communicated to the prospective tenderers three days in advance.

The Covers "A" & "B" shall be clearly marked as Cover "A" & Cover "B" . If the tenderers fail to mark these Covers then their tenders will not be opened.

The tender documents shall be dropped at Tender Boxes kept in any one of the offices Viz., Tender Sales Counter, Chief Engineer's Office(Genl) , PRO's Office and Vigilance Officer office , Ripon Buildings, Chennai – 600 003 . The tenderers shall produce the copy of the receipt confirming the payment of tender deposit and obtain the acknowledgement from the concerned staff in token of submission of the tender.

The tenderer are expected to fill their tender carefully and scrutinize them before delivering them to the Corporation authorities stated above. No variation on any ground such as mistake or misunderstanding will be allowed after the tender is opened recommended or accepted.

The rates and amount must be quoted in figures as well as in words.

Signature of tenderer

2. **Cover “A” shall contain the “Certified Copies” of the following documents.**

- a) EMD in the form of Demand Draft in favour of Commissioner, Corporation of Chennai shall be placed inside Cover “A” only. If on opening cover “A” EMD Demand Draft is not found, then the tender shall be rejected.
- b) Registration Certificate of the Company
- c) Original tender document (Technical Bid) duly signed
- d) Manufacturers’ or Authorised dealers of excavator equipment - documentary evidence for the same.
- e) Copy of the PAN card with photo duly notarized.
- f) All technical literature / details / drawing pertaining to the equipment shall be attached and placed in side the cover A.
- g) List of machines supplied with performance certificates issued by their clients.
- h) Solvency certificate for Rs.2 crores.

3. **Cover “B” shall contain the schedule of rates and quantities duly filled**

1. The price of the goods, quoted shall be ex Corporation Lorry Depot at Pudupet.
2. The rates of taxes, duties & custom duties applicable on the day of opening shall be clearly shown in the offer
3. Charges for transportation, insurance and other incidental expenses for delivery of the equipment shall be included in the cost.

4. **The Tender Security may be forfeited :**

- a. If a Tenderer withdraws the tender during the period of validity specified by the Tenderer on the Tender form ; or
- b. In case of a successful Tenderer, if the Tender fails ;
 - I. To sign the contract in accordance or
 - II. To furnish performance security in accordance with relevant Clause.

5. The tender shall remain valid for 90 days after the date of Tender opening prescribed by the Department. The tenders valid for fewer periods will be out rightly rejected.
6. All pages of the Tender shall be initiated by the person or persons signing the Tender.
7. The tender shall contain no inter lineation. Erasures or over writing expect as necessary to correct errors made by the persons or persons signing the Tender. Any correction in the tender document shall be endorsed by the tenderer with the signature.

Signature of the Tenderer.

8. Tenders must be received by the departments at the address specified above not later than 3.00 pm of 14/05/2010 .

Please note that tenders will not be accepted after the hour and date fixed for opening of tenders.

9. The department will open "A" cover of the tender, in the presence of Tenderers representative who chooses to attend, after 3.00 pm on the same day at the following location;

Office of Chief Engineer (General)
Corporation of Chennai
Ripon Buildings, Chennai – 600 003

10. If the date of opening of the tender happens to be a holiday then the tender shall be opened on the next working day.

11. The tenderers' representatives who are present shall have to sign a statement in respect of witnessing of tender opening.

12. The tenderers' names, Tender prices, modifications, Tender withdrawals and the presence or absence of the requisite Tender. Security and such other details as the department, at its discretion, may consider appropriate will be announced at the opening.

13. The tender shall be evaluated on the total cost of following

As in the Annexure "A" of Cover "B" in the price bid.

While evaluation the total cost, the taxes, and custom duties applicable on the day of quotations shall be taken into consideration. Subsequently deductions or additions of the taxes will not affect the ranking of the tenderer.

14. The Commissioner, Corporation of Chennai reserves the right to accept or reject any or all the tenders at any time prior to award of contract without assigning any reasons.

15. The tender deposit will be refunded, if the tender is not accepted by the competent authority. In case of successful tenderer the deposit will be retained as security till execution of the written contract.

16. The prices quoted shall be firm and no variation will be allowed on any account.

17. **The tenderer shall quote only for one make and model of equipment**

Signature of the Tenderer.

18. The tenderers shall submit layout dimensional drawings, literature, brand name, ISO Certification number (if available) along with the tender.
19. The increase in statutory taxes or any other Govt. Levies will be accepted only against production of documentary proofs.
20. The tenderer shall note that any claim, dispute or difference arising in respect of the contract the cause of action there shall deemed to have arising in Chennai and all legal proceedings in respect of any such claim, dispute or difference shall be instituted in the competent Court in Chennai city.
21. Jurisdiction of Courts: All disputes shall be subject to the jurisdiction of courts in Chennai city only.

GENERAL:

1. Warranty

The complete equipment including rubber parts, seals, hoses, cylinders and other hydraulic equipments shall be warranted for 12 months from the date of commissioning of equipment. The tenders will have to give the maintenance guarantee. Any damages defects are observed during this guarantee period, the same shall be made good by the tenderer at his own cost.

2. Technical Detail

The following details of the equipment shall be supplied by the tenderer along with the tender cover "A"

- a) The General description of the equipment
- b) The drawing of the equipment
- c) The continuous working capacity.
- d) The details of hydraulic oil to be used. {The Oil grade shall be that manufactured by nationalized Oil Companies. At present the equipment being operated in Corporation of Chennai is with the Hydraulic Oil of grade equivalent to HVI VG-46 (Hydrol P-46) procured from M/s.B.P.C Ltd}

3. Availability of spares

The tenderer shall state the details of availability of spares after completion of guarantee period and name of the authorised dealers etc., from where the genuine spare parts can be obtained.

Signature of the Tenderer

4. Delivery

The shortest delivery period is the essence of this tender. The delivery period is 90 days from the receipt of work order.

5. Payment

- a) The payment of 90% for the equipment will be made within 30 days of Commissioning of the equipment.
- b) 10% payment will be released only after 30 days after confirmation that the equipment is operating successfully.

6. Penalty

Penalty shall be levied @ 0.1% of the cost for every week's delay for balance equipment to be supplied and up to a maximum of 5%. If the penalty exceeds 5% Corporation shall consider cancellation of order and for black listing the Company.

7. Inspection

- a) The tenderer shall arrange for conducting inspection of the machine prior to delivery. The entire cost of inspection shall be borne by the tenderer.
- b) The inspections and test may be conducted on the premises of the supplier or manufacturer or its subcontractor(s) at point of delivery and / or at the Goods final destination. Where conducted on the premises of the Supplier or manufacture or its subcontractor(s), all reasonable facilities and assistance including access to drawings and productions data shall be furnished to the inspectors at no charge to the department. Any to & fro traveling and stay on duty for carrying out such inspection by the purchaser's representatives shall be to the supplier's account.
- c) Shall any inspected or tested goods fails to conform to the specifications, the Department may reject them and the supplier shall either replace the rejected goods or make all alternations necessary to meet specifications, requirements free of cost to the department

Signature of tenderer

SPECIAL DIRECTION TO THE TENDERERS

1. The Excavator equipment will meet the requirement of Motor vehicle Act 1989 with the latest emission norms, if any.
2. The rates quoted shall be Ex-Chennai. **The delivery of the excavator equipment to be given at South Chennai Depot , No.30, Adithanar Salai, Chennai 600 002 or at other places mentioned by Corporation of Chennai within Chennai Corporation jurisdiction.**
3. **The rate quoted should include Entry tax, if any. There will be no liability on the part of Corporation of Chennai in any event of demand for Entry Tax after supply of machine. It is the complete responsibility of the tenderer to ensure that Entry Tax, if needed shall be paid by them.**
4. The Tenderer should enclose an undertaking that the Entry Tax will be paid by the tenderer and they should enclose the bill receipt for having paid the entry tax before claiming the payment. Otherwise the tender submitted by them will summarily be rejected.

Signature of tenderer

TECHNICAL SPECIFICATION OF EQUIPMENT (Bucket with Grapple Attachment)

Sl.No.	Description	Specifications
1.	General	Crawler Mounted diesel hydraulic excavator (Equipment to be supplied with <u>Grapple Attachment</u> & without Bucket) Application : For handling Garbage
2.	Grappler	Multi tine (5 Nos) Grappler Attachment - Volume – not less than 425 litres, self weight – Not more than 950 kg and Load capacity 7000 kg..
3.	Power Unit	6 cylinder Water cooled Diesel Engine capable of developing not less than 120 HP
4.	Hydraulic Pump	Suitable variable displacement hydraulic pump of reputed make.. Combined Main Pump flow should be of sufficient capacity.
5.	Controls	Power assisted, feather touch, easy accessible levers and pedals for all the operations shall be provided.
6.	Hydraulic circuits	Hydraulic circuits with shorter connections easily approachable for maintenance shall be provided. With effective cooling system to control the max.hydraulic oil temp.
7.	Drives	Independent hydraulic motors with integral or attached brakes shall be provided.
8.	Under Carriage	Sturdy frame with suitable drive sprockets, life lubricated idlers and rollers. Grouser Width should be not less than 600 mm and the Crawler width should not be more than 3 M.
9.	Operator's cabin	Spacious cabin with all round visibility, wide lockable door suitably insulated from dust & flies, etc., sufficiently protected from the accidental fall of tree trunks, concrete debris, etc., and equipped with all instruments and control for the safe and easy operations, adjustable swivel type seat, adequate light, fan, wind shield, wiper, rear view mirror on both sides electric signal horn etc., shall be provided.
10.	Instrument Panel	An instrument panel consisting of gauges, Hour meter, Engine oil pressure gauge, ammeter shut-off control safety drives Indicator and warning lamps wherever necessary etc., shall be provided.
11.	Upper body cowl	Suitable sheet metal cowl, covering the entire power unit and machineries with provisions for easy approach to all the units.
12.	Electrical	Cabin lights; 2 Nos. Each on the front and rear end boom (focus lights) shall be provided and one pair of lights in front cabin to be provided suitably for ease of operation in nights.

13.	Operating Parameter	Fully stretched boom with Grappler attachment should extend to a depth of not less than 6 M (digging depth), should be able to comfortably lift garbage from a pit of Maximum depth 6 M.
14.	Cylinders	Double acting cylinder for boom lift, Arm and for the Grab shall be provided.
15.	Swing Speed	1) The swing speed should be more than 12 RPM 2) The swing gear teeth should be internal
16.	Equipment traveling Speed	The maximum propelling speed both in forward and reverse should be not less than 3.5 KMPH
17.	Maintenance and Overhauling Tools	Necessary basic tool kit and one set of Hydraulic pressure gauge with suitable adaptors and hoses, for checking all system pressures suitable for the equipment to be supplied free of cost and first aid box with kit should be provided inside the cabin.

- Note: 1. All reciprocating parts shall be suitably guarded.
2. The work involves erection and supply of Crawler mounted hydraulic Excavator equipment (Bucket with Grappler attachment) as per specifications attached.

Signature of the Tenderer.

**Technical bid for supply of 3 Nos. of Excavator Equipments with grappler attachments
(Poclain) for Transfer stations**

1. Name of the tendering firm along with name of Indian agent, if any, in case of foreign bidders. :
2. Correspondence address :
3. Phone No :
4. Fax No. :
5. E Mail :
6. Type of organisation :
 - a) Proprietorship
 - b) Partnership
 - c) Pvt. Limited Company
 - d) Public Limited Company
7. Date of formation of the company :
8. Proof of formation
 - (i) For partnership firm :
Attach partnership deed
 - (ii) For Ltd. Company :
Attach Memorandum and Articles of Association
 - (iii) For proprietorship firm :
Attach affidavit from the proprietor or a letter from the banker attested by the Managing Director
9. Turn over in the last 5 years (Please specify year wise) :
10. Balance sheet of last 3 years (Attach copies) :

Signature of Tenderer

11. Solvency certificate regarding financial capability from Bankers as per annexures. :
12. Number of excavator grapplers supplied in the last 3 years along with the names of clients.
13. Attach Performance report issued by the clients, if any. :
14. Earnest Money deposit : Rs./US Dollar/Euros _____
 Deposit at call receipt
 No. _____ dated _____
 Name of the issuing bank. _____
 Valid upto _____
15. Attach Undertaking for supply of spare parts and consumables for a period of 10 years from the date of delivery :
16. Fuel Consumption.
 a) in operating mode: _____
 b) in running mode: _____

Signature of Tenderer with seal

SECURITY FORMS
FORM OF ADVANCE PAYMENT GUARANTEE

(Bank Guarantee)

(On non-judicial stamp paper of the appropriate value in accordance with stamp Act. The stamp paper to be in the name of Executing Bank. The executing Bank shall be from a Scheduled Bank in India having a net worth of more than Rupees Five billion)

Ref. No.....

Date.....

The Commissioner
Corporation of Chennai
Ripon Building, Periyar EVR Salai
Chennai – 600 003.

Dear Sir,

Reg: Bank Guarantee

In consideration of Corporation of Chennai (hereinafter referred to as the “Employer” which expression shall, unless repugnant to the context or meaning thereof include its successors, administrators and assigns), having awarded to(Name of the Contractor)(hereinafter referred to as the “Contractors” which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a contract by issue of Employer's Contract Agreement datedand the same having been unequivocally accepted by the Contractor resulting in a Contract valued atfor

Name of Work:

(hereinafter called the “Contractor”) and the Employer having agreed to make (scope of work) an advance payment to the Contractors for performance of the above Contract amounting to (in words and figures) as an advance against Bank Guarantee to be furnished by the Contractors.

We, (Name of the Bank) having its Head Office at (hereinafter referred to as the “Bank”, which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), do hereby guarantee and undertake to pay the Employer immediately on demand and or, all monies payable by the Contractors to the extent of as aforesaid at any time up to @* without any demur, reservation, contest, recourse or project and / or without any reference to the Contractors. Any such demand made by the Employer on the Bank shall be conclusive and binding notwithstanding any difference between the Employer and the Contractors or any dispute pending before any Court, Tribunal, Arbitrator or any other authority, we agree that the Guarantee herein contained shall be irrevocable and shall continue to be enforceable till the Employer discharges this guarantee.

Signature of Tenderer

The Employer shall have the fullest liberty without affecting any way the liability of the Bank under this guarantee, from time to time to vary the advance or to extend the time for performance of the Contract by the Contractors. The Employer shall have the fullest liberty without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Employer and to exercise the same at any time in any manner, and either to enforce or to forebear to enforce any covenants, contained or implied, in the Contract between the Employer and the Contractors any other course or remedy or security available to the Employer. The Bank shall not be relieved of its obligations under these presents by any exercise by the Employer of its liberty with reference to the matters aforesaid or any of them or by reason of any other act of forbearance or other acts of omissions or commission on the part of the Employer or any other indulgence shown by the Employer or by any other matter or thing whatsoever which under law would but for this provision have the effect of relieving the Bank.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractors and notwithstanding any security or other guarantee the Employer may have in relation to the Contractors liabilities.

Notwithstanding anything contained herein above our liability under this guarantee is limited to and it shall remain in force up to and including @* and shall be extended from time to time for such period (not exceeding one year), as may be desired by (Name of the Contractor)

Dated this day of 2010 at

<p>WITNESS</p> <p>.....</p> <p>(Signature)</p> <p>.....</p> <p>(Name)</p> <p>.....</p> <p>(Office Address)</p> <p>.....</p> <p>...</p>	<p>.....</p> <p>(Signature of authorized Bank Official)</p> <p>..... (Name)</p> <p>..... (Designation with Bank stamp)</p> <p>Power of Attorney (To be enclosed)</p> <p>Power of Attorney No..... Date</p> <p>.....</p>
--	---

@ The date will be ninety (90) days after the date of completion of Contract.

Signature of Bidder.

Earnest Money Deposit Refund form

From

To

Sir,

Sub : Tender No. _____

For the work of _____

I have tendered for the above work enclosing E.M.D. for Rs. _____

In case my tender is not considered, the E.M.D. furnished by me may be refunded to me.
I give below my advance receipt for the amount duly stamped.

Yours faithfully,

ADVANCE STAMPED RECEIPT

Received from _____ Rs. _____

Towards refund of E.M.D. furnished by me along with my tender for the work of _____

Remitted in challan _____ dated _____

Signature of the Tenderer

Recommendation of the Head of the Department

Signature and Designation