



**OULGARET MUNICIPALITY  
PUDUCHERRY – 5**



**DRAFT NOTICE INVITING TENDER**

Tender Ref.No. OM/e-tenders/604/2022-2023

**Tender I.D.No. 2022\_DLA\_10556\_1**



**OULGARET MUNICIPALITY  
PUDUCHERRY-605005**

Name of work: **“REFURBISHMENT OF EXISTING LIQUEFIED PETROLEUM GAS FIRED FURNACE IN THE CREMATORIUM AT KARUVADIKUPPAM IN OULGARET MUNICIPALITY”.**

Last date of downloading of e-Tender: upto 3.30 P.M on 08-07-2022

Last date for submission of e-Tender : upto 3.30 P.M on 08-07-2022

Date and time of opening: 4.00 P.M on 08-07-2022

**COMMISSIONER  
OULGARET MUNICIPALITY**  
email: [om.pon@nic.in](mailto:om.pon@nic.in)

**Cost of tender document Rs.525/- (Inclusive of GST)**

**(TO BE SUBMITTED ALONG WITH TECHNICAL BID)**

**TENDER I.D No. 2022\_DLA\_10556\_1**

Phone No:- 0413-2200941

**TENDER FORM**

To

The Commissioner,  
Oulgaret Municipality,  
Puducherry- 605005.

We the undersigned (hereinafter called as Contractor / Firms / Individuals /Co-operatives Societies) hereby offer to execute the work as per specification against which we have quoted our rates and for which this tender may be accepted at the rates stated therein and subject to the terms & Conditions set forth for such items as may be ordered by the Commissioner, Oulgaret Municipality, Puducherry or any officer acting on his behalf.

Place:

Signature of the Authorised Signatory

Date:

Name:

**Seal of Company/Firm**

**OULGARET MUNICIPALITY**  
**PUDUCHERRY - 605 005**  
**NOTICE**

**Tender I.D.No. 2022\_DLA\_10556\_1**

**REFURBISHMENT OF EXISTING LIQUEFIED PETROLEUM GAS FIRED FURNACE IN THE CREMATORIUM AT KARUVADIKUPPAM IN OULGARET MUNICIPALITY.**

Online bids are hereby invited on behalf of the Oulgaret Municipal Council, Puducherry from eligible Contractors / Firms / Individuals / Co-operative Societies for the work mentioned below:-

Name of work	Period of work	Earnest Money Deposit Rs.	Cost of Tender Document Rs.
1	2	3	4
Refurbishment of existing Liquefied Petroleum Gas fired Furnace in the Crematorium at Karuvadikuppam in Oulgaret Municipality .	30days	Rs.50,000/-	Rs.500+ 5% GST

2. Tender documents can be viewed on website: [www.py.gov.in](http://www.py.gov.in) and eligible contractors/Company/Firm may participate in tenders online at <http://pudutenders.gov.in> by getting themselves registered on the Portal.

**Tender Submission Details:**

a.	Tender I.D.No.	2022_DLA_10556_1
b.	Bid document available from <a href="http://pudutenders.gov.in">http://pudutenders.gov.in</a>	01-07-2022
c.	Last date and Time for downloading of Bid	08-07-2022 @ 3.30 pm
d.	Last date and Time for Online submission of Bid documents	08-07-2022 @ 3.30 pm
e.	Date & Time of opening of Bid	08-07-2022 @ 4.00 pm
f.	Bid Validity	90 days
g.	Period of work	30 days from the date of issue of work order.

3. As the Bids are to be submitted online and are required to be encrypted and digitally signed, the Bidders are advised to obtain Digital Signature Certificate (DSC) at the earliest. Tenderers shall submit their offer in electronic format in above mentioned website on or before the scheduled date and time as mentioned above after digitally signing the same. No offer in physical format of **financial bid** shall be accepted and any such offer if received by Oulgaret Municipality, Puducherry shall be summarily rejected.

4. The cost of tender documents and Earnest Money Deposit (EMD) as noted in col.4 & 5 of the table above are to be submitted through Online Mode in favour of the Commissioner, Oulgaret Municipality only and failure to provide EMD and cost of tender document as specified here shall lead to rejection of bid. Technical bids shall be opened and scrutinized at **4.00 P.M on 08-07-2022** in the Chamber of the Commissioner, Oulgaret Municipality only. Online submission of EMD, Tender cost, Tender Documents, Technical Qualification Bid and Financial Bid is permitted.

5. The completed bid comprising of documents indicated in technical bid and financial bid digitally signed should be uploaded in the website cited along with scanned copies of requisite certificates / documents as are mentioned in different sections in the bidding document.

**CONDITIONS:-**

- (a) The tender without earnest money deposit and cost of tender document will be summarily rejected. No exemption from payment of EMD shall be entertained.
- (b) The jurisdiction of court shall be at Puducherry.
- (c) The tender of the bidder who does not satisfy the eligibility and Technical Bid Criteria in the Bid documents shall be liable to be rejected summarily without assigning any reason and no claim whatsoever on this account shall be considered.
- (d) The eligibility criteria and other conditions are appended herewith.
- (e) The Commissioner on behalf of the Oulgaret Municipal Council, Puducherry reserves the right to alter, cancel and add extra conditions, besides reserves the right to reject any/ all offers without assigning any reason thereof.
- (f) The contractor not to claim any condition apart from the NIT.
- (g) The tender can be postponed or cancelled at any time due to administrative reasons and no claim shall be entertained on this account.
- (h) EMD shall be refunded to unsuccessful bidders only after issuing of work order to the successful bidder. Possession of Digital Signature Certificate (DSC) and registration of the eligible contractors/Firms/Individuals/Co-op., Societies on the website (i.e.,) <https://pudutenders.gov.in> shall be a prerequisite for e-tendering.

For further details and e-tendering schedule, visit website <https://pudutenders.gov.in>  
Please contact e-Procurement cell e-Tender help desk for guidance in Phone No.0413-2220225 & 1800 3070 2232 (Toll Free) during office hours.

**COMMISSIONER  
OULGARET MUNICIPALITY  
PUDUCHERRY  
email: om.pon@nic.in**

## TERMS OF REFERENCE

### 1. Introduction

Oulgaret Municipality is maintaining a burial ground at Karuvadikuppam, which is 3Km away from Puducherry Town. In order to dispose the dead human bodies complying with necessary flue gas emission, legislation and also to eschew the air pollution caused by traditional cremation, Oulgaret Municipality has installed Electric Furnace Crematorium and LPG fired furnace crematorium inside the burial ground at Karuvadikuppam which were brought into Public utility during 2007 and 2012 respectively. The main furnace of this crematorium is possessed by High Tension Electricals Power Supply to maintain the temperature of this furnace at 1000° centigrade for 10 hours and 650° centigrade for the remaining hours of the day resulting in high current consumption charges. The disposal of dead bodies through traditional methods is patronized by the public because of which Electrical furnace got defunct due to non-utilization and operational cost of Electric Furnace is high when compared to the LPG fired furnace crematorium, this Municipality had converted the existing defunct Electrical furnace into LPG fired furnace during 2020 with current version having capacity to cremate 14 to 16 dead human bodies per day. Now, this LPG based crematorium is functioning well at present.

In the current COVID-19, Pandemic situation, the number of persons who succumb to COVID-19 has increased. In practice, it has been inferred that disposing dead bodies through modern crematorium facilities is less tedious, economical and safer. The existing old Liquefied Petroleum Gas fired furnace crematorium functioning from the year 2012 could not be subjected to excess load continuously since it leads to accumulation of body fat in the burner which may result in system failure frequently. Hence, this Municipality decided to propose to refurbish the existing old LPG fired furnace to the current version of having capacity to cremate 14 to 16 dead human bodies per day in order to meet out the overcoming loads.

### 2. Scope of Work:

The existing Liquefied Petroleum Gas fired single burner furnace in the modern crematorium at Karuvadikuppam in Oulgaret Municipality is proposed to be **Refurbishment of existing Liquefied Petroleum Gas Fired Furnace in the Crematorium at Karuvadikuppam in Oulgaret Municipality** by the following procedure.

- 1) All the bidders are to visit the Karuvadikuppam Crematorium and see the existing LPG fired Furnace Crematorium condition and give their modifications along with the relevant drawings.
- 2) The existing furnace is to be lowered in such a way that the body placement on the trolley is easy since in the existing system body is to be lifted to a height of almost 4 feet which is very difficult for the people.
- 3) Removal of existing furnace lining and outer structure for modifications keeping in mind the alterations to be made as per the point no (2) with the new refractory lining of high heat resistant refractory of IS8 quality bricks. And with proper insulation bricks.

- 4) Replacement of the existing body resting system with good quality cast iron blocks with standing to 1800 degree centigrade is to be provided.
- 5) Installation of 4 Nos. of automatic burners with diaphragm valves, solenoid valves, ignition transformers, flame sensors and in built blowers.
- 6) Installation of 7 Nos. of manually operated high pressure tube burners made of high heat resistant stainless steel.
- 7) Installation of pipe lines, hose connections to facilitate Liquefied Petroleum Gas supply to the furnace.
- 8) The existing trolley is to be modified or replaced with manually operated hydraulic trolley system for smooth release of the dead body into the furnace.
- 9) Replacement of the furnace door with limit switches to control the door movement and also to be made leak proof. During exigencies the door to have provision for manual operation also.
- 10) Modification of the present panel board with new wiring and new cables.
- 11) Servicing of scrubbing system, induced draft blower and chimney.
- 12) The scrubbing system is to be installed in the furnace floor instead of at a height for easy maintenance. The required pipe line modifications are also included. The flue gas pipe lines are to be Stainless steel only. While changing the existing scrubbing system to the furnace floor the alterations of the ducting system and required installations is to be with Stainless Steel materials only.
- 13) Replacement of water pump station
- 14) Required cables connecting panel board and equipments are also included.
- 15) Required wiring of motors in the existing LPG fired furnace crematorium and varnishing, servicing, bearings check-up and replacement for the electric motors is also included.
- 16) In case of installation materials usage at some places is to be born by the supplier.
- 17) During the furnace modifications provision is to be made at the back of the furnace for easy ash removal.
- 18) The transport and safe storage of the materials are under contractor's scope.
- 19) During the modifications the scrap and unwanted material generated is to be taken back at a buy back rate.
- 20) During the modifications whatever insulation, refractory, steel, paints and consumables are also suppliers scope.

The equipments /Components specified by the bidder shall ensure the following Technical specification while Refurbishment of existing Liquefied Petroleum Gas fired

furnace. The detailed specification of the equipments to be installed is provided in the Financial Bid (BOQ).

**Technical Specifications:**

1.	Temperature in primary chamber	:	1200 ± 50°C with a rating of 358 KW.
2.	Temperature in secondary chamber	:	1800 ± 50°C with a rating of 358 KW.
3.	Burner system	:	Full length burners on either side of primary and secondary chamber.
4.	Gas pipe line	:	Made of Copper with suitable pressure gauge.
5.	Insulation	:	With standing 1200°C
6.	Furnace bed & Structure	:	Stainless and structural steels are to confirm to high quality ISI standards and fire bricks with air holes to primary and secondary chambers should confirm to IS 8 quality with high alumina content.
7.	Cremation time / body	:	60-75 minutes maximum
8.	Trolley	:	Stretcher type Hydraulic trolley with rollers moving on ball bearing for easy sliding in the body into the primary chamber.
9.	Temperature Sensor	:	Chromium/Thermocouple-one number in each chamber.
10.	Temperature control and indication AC	:	Solid state digital type temperature indicator controller 0 to 2000°C in each chamber
11.	Safety controller	:	Solid state non-indicating controller 0 to 1800°C in each chamber to take care of control activity in case of failure.
12.	Painting	:	Steel items to be enamel painted

**WARRANTY:**

The successful bidder (contractor) shall undertake the work of “**Refurbishment of existing Liquefied Petroleum Gas Fired Furnace**” and commission the same within 30days of receipt of work order. The successful bidder (contractor) shall provide warranty for one year in respect of the equipment/machinery/spares supplied by him and any repair shall be undertaken free of cost during the warranty period.

## **OPERATION AND ANNUAL MAINTENANCE (OAMC)**

Consequent the commissioning of the LPG fired furnace, the contractor shall undertake the Operation and Maintenance of the same for a period of three years from the date of commissioning. The contractor shall engage minimum of two labourers for the operation of the LPG crematorium. During the period of OAMC, the contractor shall be responsible for servicing of the crematorium at least once in every month by deploying a technical personnel i.e., atleast 12 visits for one year and such monthly servicing shall be carried out to the entire satisfaction of Engineer-in-charge of the crematorium deputed by the Municipality. Monthly servicing including cleaning of Duct line, Gasifier burner lines, etc., to be conducted as quickly as possible and should positively be completed within a period of 48 hours. The manpower deployed by the contractor shall also maintain proper records as directed by the Engineer-in-charge for all activities undertaken in the crematorium including the details of dead bodies cremated.

### **FIRST YEAR OF OAMC**

During the first year of commissioning, the contractor shall rectify repairs and replace parts / equipments supplied by him free of cost as it is during the warranty period. The Municipality shall be liable to pay the cost of manpower utilised for operation of crematorium, cost of oil and fuel only.

### **SECOND AND THIRD YEAR OF OAMC**

During the second and third year after commissioning of the crematorium, the contractor shall undertake the operation and maintenance of the crematorium by engaging minimum of two labourers. The Municipality shall be liable to pay the cost of manpower deployment and fuel. The contractor shall take up maintenance work including cleaning of duct line, gasifier burner, etc., and shall replace minor spares costing less than Rs.5,000/- which are required to be replaced during maintenance service at free of cost.

The contractor shall carefully go through the above conditions and then putforth the quote for OAMC in the Financial Bid. The contractor shall be required to execute Agreement with the Municipality in consonance with the conditions mentioned in this scope of work. Failure to execute the work (or) execute Agreement shall entail cancellation of tender/contract and forfeiture of EMD, Performance Security etc.



## **Tender Conditions**

### **A. Eligibility Criteria:**

- (i) Contractor should have executed similar type of Liquefied Petroleum Gas fired furnace works in crematorium in at least three Local Bodies in Puducherry Region (or) Tamil Nadu with complete Pollution Control Equipments and ensured to satisfaction of clients.
- (ii) The value of each of such LPG fired furnace work executed shall not be less than Rs.30.00 lakhs.
- (iii) The contractor should have executed the said works in the past three calendar years i.e between 2018 to 2020. Works executed in the year 2021 will also be considered.
- (iv) The works should have been executed on behalf of Local Bodies (or) Rotary Clubs (or) Trusts that are given the mandate of operating crematorium.

Proof of such experience shall be enclosed. Failure to meet the above qualification criteria shall lead to disqualification of tender at technical evaluation stage itself and the bidder's offer will not be considered.

### **B. General Conditions:**

1. Bidder must satisfy the eligibility criteria stated above in this tender document.
2. The proposal must be kept valid for acceptance for 90 days from the last date of submission of proposals as stated in the Tender Notice. Any bidder with drawing his proposal before the said period shall forfeit EMD remitted. The Commissioner, Oulgaret Municipality will make his best effort to issue work order within the period.
3. Necessary statutory approvals required for execution for the project from Pondicherry Pollution Control Committee (PPCC) or from any other institution organization, if required, shall be the responsibility of the Oulgaret Municipality.
4. The contractor will service the Pollution Control system to the satisfaction of Pondicherry Pollution Control Committee when desired so by the Oulgaret Municipality.

#### **4. PART – I - TECHNICAL BID must consist of:**

##### **(a) ORGANISATION DETAILS**

1. Name and address of the Contractors/Firms/Individuals/Co-operative Societies.
2. Name of Key personnel/Telephone Nos./Email I.D. and existing manpower details.
3. Present activities / Business of the Organization.
4. Type of Organization (Proprietors/ Partnership/ Private Ltd./ Public Ltd., and Co.
5. Date of Incorporation
6. An undertaking to the effect that the bidder has not been black listed by any Government Department/Agency/Society. The undertaking shall be in stamp paper of Rs.20/- value and signed before a Notary public. Failure to submit the undertaking will lead to rejection of the bid.

**(b) TECHNICAL CAPABILITY OF THE FIRM.**

- a) The bidder must have executed similar type Liquefied Petroleum Gas fired furnace works in crematorium of at least three Local bodies in Puducherry Region (or) in Tamil Nadu each work of value not less than 30 lakhs for the past three years with complete pollution control equipments and ensured to satisfaction of the clients.
- b) Copies of work orders with value of work executed shall be uploaded.
- c) Copies of performance certificate shall be uploaded.

The bidder shall provide the above details as per the proforma for submission of technical bid given at Schedule-I appended herewith. The undertaking for not being black listed shall be given in proforma at Schedule-II.

The technical bid in Schedule-I, the undertaking in Schedule-II and the check list in Schedule-IV shall be neatly prepared, signed/authenticated in every page with company seal and uploaded as single file.

**5. Part-II Financial Bid:**

- a) Tender with any condition, including conditional rebate, are liable to be rejected.
- b) Cost of all the items should be mentioned clearly and individually in the Commercial offer (Schedule -III) only.
- c) The commercial bids of only the technically qualified bidders shall be considered for further processing.
- d) The Commissioner, Oulgaret Municipality reserves the right to accept the offer in full or in parts or reject summarily or partly thereof.
- e) Prospective bidders/tenderers shall inspect the existing Liquefied Petroleum Gas fired furnace and equipment proposed to be **refurbished in the Crematorium at Karuvadikuppam burial ground in Oulgaret Municipality** before submitting their bids.
- f) Technically qualified bidder quoting the lowest rate will be selected for issue of work order based on the following conditions.
  - (i) The bidder has to quote for the Refurbishment of existing Liquefied Petroleum Gas fired furnace as detailed in the scope of work which envisages supply and erection of **23items**/equipments, etc., and separately quote for operation and maintenance of the Liquefied Petroleum Gas fired furnace for each year for a period of three years.
  - (ii) Lowest quote will be decided based on the quote given by the bidder for Refurbishment of existing Liquefied Petroleum Gas fired furnace and cost of operation and maintenance for the three years.

$$\text{Lowest Quote} = \left[ \begin{array}{l} \text{Cost of Refurbishment} \\ \text{of existing Liquefied} \\ \text{Petroleum Gas fired} \\ \text{furnace in the} \\ \text{Crematorium} \end{array} \right] + \left[ \begin{array}{l} \text{Cost of operations} \\ \text{and maintenance for} \\ \text{three years} \end{array} \right]$$

(iii) The cost of operation and maintenance for the second and third year may be considered after satisfactory performance of the Liquefied Petroleum Gas fired furnace and proper operation and maintenance undertaken by the successful bidder in the first year.

## **6. BIDDING through E – Tendering System - ONLINE SUBMISSION OF BIDS**

- 6.1 The bidding under this contract shall be electronic bid submission through website <http://pudutenders.gov.in>. Detailed guidelines for viewing bids and submission of online bids are given on the website. The invitation for Bids under this procurement shall be published on this website. Any citizen or prospective bidder can submit bids online; however, the bidder shall be required to have enrolment /registration in the website and should have valid digital Signature Certificate (DSC). The bidder should register in the website <http://pudutenders.gov.in> using the relevant option available. Then the Digital Signature Registration has to be done after logging into the site.
- 6.2 After downloading the bid schedules, the Bidder should go through them carefully and then submit the documents as stipulated, failing which, the bid shall be rejected.
- 6.3 The completed bid comprising documents indicated in the technical bid and financial bid digitally signed should be uploaded in the e-tendering website given above along with scanned copies of requisite certificates / documents as are mentioned in different sections in the bidding document.
- 6.4 The bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to the BID, and to contract execution if the bidder shall be awarded the contract.

## **7. Electronic Submission of Bids:**

- 7.1. The bidder shall submit online two separate Folder. Part I, marked as Part I: Technical Qualification Bid and Part II; marked as Part II: Financial Bid.
- 7.2 The contents of the Technical Qualification and Financial bid shall be as specified in Technical bid and Financial bid. All the documents are required to be signed digitally by the bidder.

- 7.3 The cost of Tender Document of Rs. 525/- (inclusive of GST @ 5%) and Earnest Money Deposit (EMD) @ 2.00% of the Quoted Rate should be submitted through Online Mode in favour of the Commissioner, Oulgaret Municipality only and failure to provide EMD and cost of tender document as specified here shall lead to rejection of bid. Technical bids shall be opened and scrutinized at 4.00 P.M on \_\_\_\_\_ in the Chamber of the Commissioner, Oulgaret Municipality.
8. The bid documents shall be made available in [www.py.gov.in](http://www.py.gov.in) website from \_\_\_\_\_ to \_\_\_\_\_ at 3.30 pm. The bid document can be downloaded from <http://pudutenders.gov.in> at free of cost. The bids shall be opened in online on \_\_\_\_\_ at 4.00 pm in the presence of bidders who choose to be present. The financial proposals of the qualified bids shall be opened as provided for in the Bid Document, after evaluation of the Technical proposals. The date for opening of financial bid shall be communicated to the qualified technical bidders in the tender portal.
9. The Commissioner, Oulgaret Municipality shall be the sole authority upon all matters relating to the meaning or interpretation and consequence of the Specification and conditions of this Tender Notice (or) contract to be executed.
10. If at any time during the continuance of this agreement of contractor shall in the opinion of the Commissioner, Oulgaret Municipality have delayed in doing any work ordered, by reasons of any lock-outs, Strikes, riots, mutinies, wars, fire, storms, natural calamity, tempest or other unexpected exceptional causes, the time may be extended by the Commissioner, Oulgaret Municipality as he may consider reasonable.
11. All expenses, damages and other due payable to the Commissioner, Oulgaret Municipality by the Contractor under any stipulations in this contract may be retained out of any due, then due of which may subsequently become due from the Commissioner, to the contractor under this or any other contract. In case such due, then due or to become due to the contractor by the Commissioner, shall be insufficient to pay such said expenses, damages and due it shall be lawful for the Commissioner of the Oulgaret Municipality to sell and dispose of any or all of the securities deposited by the Contractor. Out of such proceeds of such sale to reimburse and pay to Oulgaret Municipality all the said expenses, damages and money and in case such proceeds of sale of the said securities shall be insufficient, then it shall also be lawful for Oulgaret Municipality to recover the residue of the said expenses, damages and moneys, if necessary, by legal proceedings against the contractor (or) by appropriate proceeding under Revenue Recovery Act.
12. The bidder shall not sublet the work to any other person/company.

13. In case the contractor fail or neglect or refuse to observe, perform, fulfil and keep all or any one or more or any part of any one or more of the covenants, stipulations and provisions herein contained it shall be lawful for the Commissioner of the OULGARET MUNICIPALITY without prejudice and in addition to all and every other of the remedies herein before contained on behalf of the Municipality /department on any such failure, neglect as refusal as aforesaid by writing under his hand to put an end to the agreement and on the expiry of **seven days** from the date of service of the said writing the agreement shall cease and be void except in respect of any prior action or omission.
14. The tenderer shall note that any claim, dispute or difference arising in respect of the contract, the cause of action shall be deemed to have arisen in Oulgaret Municipality and all legal proceedings in respect of any such claim, dispute shall be dealt accordingly.
15. The Oulgaret Municipal Council, Puducherry reserves the right to alter, cancel and add extra conditions, besides reserves the right to reject any/ all offers without assigning any reason thereof.
16. **Alteration in the Specification:** The specification issued with this form of tender must not be altered by the bidders.
17. **Incomplete Tenders:** Tender will not be considered if complete information is not given at the time of tendering or if the particulars and data (if any) called for not given within stipulated time.
18. **Cancellation of Tender/Contract/ in part or Full in case of Default in Contract / Supply:** If the contractor, in the opinion of the Commissioner, Oulgaret Municipality, Puducherry fails or neglects to comply with any of the term & conditions forming, part of the order issued, the Commissioner, Oulgaret Municipality, Puducherry shall without prejudice to any other right or remedies under the contract, has the right to cancel the contract / order by giving **15 days** notice in writing to the contractor/firms without being liable to pay any compensation for such cancellation. The Commissioner, Oulgaret Municipality reserves his right to black list the contractor if the contract is terminated due to default (or) unsatisfactory service (or) negligence (or) incompetence of the contract.
19. Revision of rates are not allowed after the tenders have been opened.
20. The Superintending Engineer, Oulgaret Municipality is empowered to levy the fine for poor progress.
21. Conditional tenders and/or incomplete tenders in any respect shall be rejected.

22. Service manuals, wherever available/required, should be provided along- with the Equipments.
23. **Performance Security Deposit:** The successful tenderer shall furnish within 48 hours of receipt of tender acceptance letter a Performance guarantee 5% of the value of the total cost of the quoted amount for a period of one year from a nationalized bank to ensure the satisfactory performance. The performance guarantee in the form of FDR/bank guarantee shall be submitted by the Contractors / Firms / Individuals / Co-operative Societies within 48 hours on receipt of letter of acceptance issued by the Oulgaret Municipality failing which the acceptance of tender letter shall be cancelled and the EMD shall be forfeited. In case the performance of the work is not found satisfactory, the Performance guarantee and EMD shall be forfeited and credited in Oulgaret Municipal account.
24. **Default:** In the event of default and unsatisfactory service of the Contractors / Firms / Individuals / Co-operative Societies, the Oulgaret Municipality shall be at liberty to take up the work and claim shall be made from the concessionaire by deducting from his payment.
25. The financial bids of only those bidders who had submitted qualified Technical bids after satisfying all eligibility criteria along with all required documents, shall be opened.
26. If any of the date earmarked for opening of technical or financial bids happens to be holiday, the bids shall be opened on the very next working day at the same time and venue.
27. **Indemnity:** The successful bidder shall indemnify, protect and save Oulgaret Municipality against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copy rights etc. or such other statutory infringements in respect of all the equipment's supplied by him.

28. **Payment Terms**

Quoted amount is the amount quoted by the bidder for Refurbishment of existing Liquefied Petroleum Gas fired furnace and cost of operation and maintenance of the Liquefied Petroleum Gas fired furnace for three years. The payment terms to the successful bidder shall be as follows:

**a) For Refurbishment of existing Liquefied Petroleum Gas fired furnace.**

- i) 45% of the amount quoted for Refurbishment work after delivery of machineries and equipment supplied to the satisfaction of the Engineer-in-charge.
- ii) 45% after completion of the work of Refurbishment of existing Liquefied Petroleum Gas fired furnace and its commissioning.

- iii) 5% after six months of operation and maintenance of the Liquefied Petroleum Gas fired furnace.
- iv) 5% after twelve months operation and maintenance of the Liquefied Petroleum Gas fired furnace.

**b) For operation and maintenance of the Liquefied Petroleum Gas fired furnace**

Bi monthly payment on pro-rate basis on the cost of operation and maintenance quoted by the bidder for the particular year shall be paid.

**29. Time of Completion.**

- a) The supply, erection and commissioning of the cremator should be completed within 30 days from the date of award of work.
- b) The Oulgaret Municipal council reserves the right to accept or reject any or all offers without assigning any reason thereof.

30. All the staff, workers, employees engaged by the Contractor shall be employees of the Contractor and that there shall be no contractual relationship between the Municipality and such employees of the Contractor. The Contractor shall ensure that his staffs, workers, employees engaged by him are aware of this position.

31. The Contractor shall ensure that he or his men or agent or employees or servants or officials shall not behave in unbecoming manner or misbehave with the officials of the Municipality or any other person at any point of time.

32. The concessionaire shall be responsible and liable to adhere with all the provisions of Acts and Rules in force for his employees and heavy machineries engaged including but not limited to

- (1) Payment of Wages Act,1948
- (2) Workmen Compensation Act,1923
- (3) Payment of Gratuity Act,1936
- (4) Minimum Wages Act,1948
- (5) Equal Remuneration Act,1976
- (6) Employees Provident Fund Act,1952
- (7) Contract Labour (Abolition and Regulation) Act,1970
- (8) Employees State Insurance Act,1948

33. All taxes, levies, cess, duties deductible from the bill of the Contractor at source shall be deducted from his bill/invoice by the Municipality.

34. The Municipality may deduct such penalties as computed as per the provisions of the agreement (or) tender condition from the bill/invoice of the contract.

35. Any inquiries in this regard should be addressed only to the Commissioner, Oulgaret Municipality, Puducherry.
36. The Contractor shall not engage any person who have not completed the age of 18 years.
37. Any accident or injury caused to contractor workmen during execution is the sole responsibility of the contractor only. Necessary group insurance is to be obtained by the contractor.

**COMMISSIONER  
OULGARET MUNICIPALITY  
PUDUCHERRY – 5  
Email: om.pon@nic.in**

Place: Puducherry  
Date:



**SCHEDULE –I****Technical Bid**

Name of work : **REFURBISHMENT OF EXISTING LIQUEFIED PETROLEUM GAS FIRED FURNACE IN THE CREMATORIUM AT KARUVADIKUPPAM IN OULGARET MUNICIPALITY.**

<b>Sl.No.</b>	<b>Particulars</b>	<b>Remarks</b>
1.	Name of the Firms/Contractor/Society/Agency	
2.	Ownership (Proprietary / Partnership)	
3.	Name of the Owner /Partner/Director/Key Personnel	
4.	Full particulars of Office	
	a) Address	
	b) Telephone No.	
	c) Fax	
	d) e-mail ID	
5.	Registration details (self attested copies to be enclosed failing which tender shall be rejected).	
	a) PAN /GIR No.	
	b) GST No.	
	c) Registration No. of firms/Company/Society	
	d) Date of incorporation of firm/company/Society Organisation.	
6.	Present activities /Business of the organisation/Firm	
7.	Technical capability of firm	
	a) Details of LPG fired crematoriums installed by the firm/company/Organisation in Puducherry Region (or) Tamil Nadu during the last three years along with complete Pollution Control equipments. Value of each work to be not less than Rs.30.00 lakhs.	
	b) Details of work orders enclosed.	
	c) Details of Performance certificate obtained from concerned Local Bodies in Puducherry Region (or)Tamil Nadu.	
8.	Details of technical and other employees of the Firm/Company. Please enclose details such as number of employees, their qualification, experience etc., in a separate sheet.	

## DECLARATION

1. I \_\_\_\_\_ Son/Daughter of \_\_\_\_\_  
the Proprietor / Partner/Director/Authorised signatory of \_\_\_\_\_ am  
competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and  
hereby convey my acceptance of the same.

3. The information's furnished above in the technical bid are true and authentic to the  
best of my knowledge and belief. I/We are aware of the fact that furnishing of any false  
information/fabricated document would lead to rejection of my tender at any stage besides  
liabilities towards prosecution under appropriate law.

Signature of the authorised person

Place:

Full Name:

Date:

Company's seal:

## SCHEDULE –II

### UNDER TAKING

**(To be executed in Rs.20/- stamp paper and signed before a Notary Public)**

I \_\_\_\_\_ Son/Daughter of  
Shri \_\_\_\_\_ is the Owner/Director/Partner/Authorised person of  
\_\_\_\_\_ (Name of the firm/company etc.) since \_\_\_\_\_. I  
hereby affirm that my/our company \_\_\_\_\_ (name of  
company/firm) has not been blacklisted by any Government Department/Local  
Body/Agency/Society, etc.

Signature of the authorised person

Place:

Full Name:

Date:

Company's seal:

**Notary seal and signature**



**OULGARET MUNICIPALITY  
PUDUCHERRY – 5  
(SCHEDULE – III)**

**FINANCIAL BID**

Tender inviting Authority: **THE COMMISSIONER, OULGARET MUNICIPALITY, PUDUCHERRY.**

Name of Work: **REFURBISHMENT OF EXISTING LIQUEFIED PETROLEUM GAS FIRED FURNACE IN THE CREMATORIUM AT KARUVADIKUPPAM IN OULGARET MUNICIPALITY.**

Sl. No.	Description of items	Quantity	Unit	Rate inclusive all Tax figures to be entered by the bidder Rs. P.	Total amount with taxes
1.	Dismantling of the entire primary and secondary chambers and reconstruction of primary and secondary chambers as per the modified design as per the cremation volume with arch type with new refractory bricks of IS 8 quality and also with insulation bricks and out side cladding with steel sheets. The secondary chamber will be above the primary chamber. The primary furnace will be provided with cast iron blocks withstanding the temperature of 1800 degree centigrade. The primary chamber will be provided with 4 Nos. fully automatic LPG fired burner system and 6Nos manually operated LPG fired burner system and provision for removal of ash from backside of the primary chamber. The secondary chamber will be provided with one no manually operated LPG fired burner system.	1.00 No.	No.		
2	The Existing Main Door of the Cremation chamber is in fully damaged condition. The same will be removed and replaced with New Door of minimum size 1100mmx1150mmx150mm with plate	1.00 No.	No.		

	thickness of minimum 5mm MS plate. The movement of the door will be motorised with counter weight method and the door will be lined with refractory brick and with proper insulation. The existing bearings are to be serviced/replaced and re fixed.				
3.	Supply and installation of Automatic Liquefied Petroleum Gas fired burner system including burners, hoses, valves, pipe lines arrangements etc., the burner will be of fully automatic systems and controlled with the temperature controller at panel board. The burner is of in built with blower and ignition transformer, flame sensor, solenoid valve and sequence controller to control the LPG flow for the cremation chamber. All the items conforming to ISI standards only are to be used and also follow the safety procedure for storing LPG cylinder.	4.00 Nos.	No.		
4.	Supply and installation of manual Liquefied Petroleum Gas fired burner system with control of high/low flame control systems. The manual high pressure tube burners with the manifold controls with non return valves and copper tubes, hoses, butterfly valves, pipe lines etc., all the items conforming to ISI standards are only to be used and also follow the safety procedure for storing LPG cylinder.	7.00 Nos.	No.		
5.	Supply and fixing of manifold suitable for 10 Nos. of cylinders connection. The materials of construction shall be high quality mild steel seamless pipes and fittings.	2.00 Nos.	No.		
6.	Supply and fixing of ISI make non-return valves for the LPG cylinders.	13.00 Nos.	No.		
7.	Supply and fixing of ISI make high pressure hoses to connect between the regulator and manifold.	31.00 Nos.	No.		
8.	Supply and fixing of ISI make regulator suitable for LPG cylinders.	20.00 Nos.	No.		
9.	Supply and fixing of ISI make high pressure regulator to control the pressure of the LPG.	1.00 No.	No.		

10.	Supply and laying of 20mm dia. Seamless mild steel pipes of high quality from the manifold to burners.	1.00 No.	No.		
11.	Supply and fixing of ISI make high pressure leak proof stainless steel 20mm dia. Shut off valves.	3.00 Nos.	No.		
12.	Supply and fixing of high pressure leak proof flow control butterfly brass valves.	7.00 Nos.	No.		
13.	Design, fabrication, supply and fixing of Hydraulic trolley for manual body charging in to the cremation chamber with 2 Nos. of Hydraulic pistons. The Trolley should be at the floor level for the loading of the Human body with dimensions to suit the cremation chamber with 5mtr long operating on rails with wheels for easy body transfer into the cremation chamber. The system to have hand operated cam mechanism for up and down action etc.	1.00 No.	No.		
14.	Supply and fixing of inter connecting duct between the furnace and the scrubber unit which will be shifted to furnace floor for easy maintenance with stainless steel construction and covered with insulation material.	1.00 No.	No.		
15.	In the modification of LPG crematorium the scrubbing unit is being taken to furnace floor. The new High pressure Venturi Double stage Wet Scrubber for entrainment of particulate matters, removal of soluble emissions and sudden quench the emissions, fabricated out of stainless steel of SS 304 grade. The emissions enter into the scrubber having high pressure water spray, there by entrained particulate matter is washed down with water along with the removal of soluble emissions and also helping in the reduction of the emission temperature. This system is provided with inbuilt RCC/Masonry water storage cum circulation tank. Necessary powerful centrifugal Pump will be provided with heavy duty pipe lines etc for circulation of water.	1.00 No.	No.		

16.	Supply, delivery and fixing of Centrifugal 5 HP motor driven Fan suitable for sucking fumes from the Furnace and let out to the chimney in terms of volumetric flow rate and pressure head development. The impeller should be of stainless steel SS-304 grade and the casing should be of stainless steel 4mm thickness. The remaining parts shall be of mild steel /stainless steel construction as dictated by the crematorium system operation.	1.00 No.	No.		
17.	Supply and fixing of stainless steel tank for the venturi wet scrubber with capacity of 2000Ltrs. The thickness of sheets will be of 1.65 mm thick stainless steel SS-304 grade.	1.00 No.	No.		
18.	The existing control panel cabling is in burnt out condition. At present the single burner operation is being modified to manual/auto multiburner operation system. Hence complete cables are to be relayed with new cables from door motor, pump motor and induced draft blower motor etc to panel board. The electrical panel board, electrical cables, wiring etc is to be carried as directed by the departmental officers. The panel board will be provided with the door operation, blower and pump ON/OFF controls and auto burner controls. The total number of 4 Burners will have individual control switch for ignition and the common switch for the blower controls. The control panel will be neatly wired with identify marked numbers and the cables for the door motor wiring will be 1.5 sq.mm 3 core cable, the pump motor will be 2.5 sq.mm 3 core cable and FD and ID motors wiring will be 4 Sq.mm 3 core cable. All the control wirings will be wired with 1.5 Sq.mm wire. Proper indicating lights will be provided for all the motors running. Limit switches will be provided for the door up and down movement All the cables are to be provided with at least 1mtr extra length at starting and ending points.	1.00 No.	No.		
19.	Any other items required for the successful commissioning of the furnace.	1.00 No.	No.		

20	The buy back rate for the scrap and unwanted material generated during crematorium refurbishment	One Lot	Lot		
21.	Cost of operation and maintenance of the Liquefied Petroleum Gas fired furnace for the first year.	One Furnace	1 <sup>st</sup> year		
22.	Cost of operation and maintenance of the Liquefied Petroleum Gas fired furnace for the second year.	One Furnace	2 <sup>nd</sup> year		
23.	Cost of operation and maintenance of the Liquefied Petroleum Gas fired furnace for the third year.	One Furnace	3 <sup>rd</sup> year		

**SCHEDULE –IV**

**CHECK LIST**

Sl. No.	Particulars	Yes/No/Not applicable	Page No. in Technical bid
1.	Whether Earnest Money Deposit (EMD) and cost of Tender Schedule submitted.		
2.	Whether Technical Bid Submitted		
3.	Whether Commercial Bid Submitted		
4.	Whether copies of GST Registration and PAN submitted.		
5.	Whether declaration in the technical bid signed.		
6.	Whether undertaking for not being black listed enclosed.		
7.	The bidder must have executed similar type of Liquefied Petroleum Gas fired furnace works in crematorium of at least three Local bodies in Puducherry Region (or) in Tamil Nadu each value not less than 30 lakhs for the past three years with complete pollution control equipments and ensured to satisfaction of the clients at whether details enclosed in the Technical Bid.		
8.	Copies if work orders with value of work executed enclosed.		
9.	Copies of performance certificate enclosed.		
10	Copy of the relevant modification drawing		

**NOTE:** Please ensure all the relevant boxes are marked YES/NO/Not applicable against each column. The reference page in Technical Bid shall also be indicated.

**IMPORTANT NOTE:** Tenderers must ensure that all the required documents indicated in the Tender documents are submitted without fail. Tenders received without supporting documents for the various requirements mentioned in the tender document are liable to be rejected at the initial stage itself.

Place: Signature of the Authorised Signatory

Date: Name:

**Seal of Company/Firm**

**Signed by the said Contractor in  
the presence of Executive  
Engineer, Oulgaret Municipality**

**Signature of the Contractor with  
company seal**

**Assistant Engineer**

**Executive Engineer**

**The common seal of the Oulgaret  
Municipality was hereunto duly  
affixed in the presence of**

**Commissioner  
Oulgaret Municipality**

**It witness where of I hereunto affix my Signature**