



**Tender Document For
Purchase and Installation of Animal Carcass Incinerator
at Nandankanan Zoological Park, Odisha**

Particulars	Date & Time
Date of Tender document available at website: www.nandankanan.org	14.11.2019
Last Date of Submission of Tender	29.11.2019 up to 5:30pm
Date of Opening of Technical bid	30.11.2019 at 03:30pm
Date of Opening of Financial Bid	To be intimated after opening of technical bid.
Address for sending Physical Documents	Deputy Director, Nandankanan Zoological Park, PO: Barang (Near Nandankanan Police Station) DIST: Khordha, Odisha, PIN: 754005.
Place of Opening of Technical Bid	Office of the Deputy Director, Nandankanan Zoological Park, PO: Barang, Dist: Khordha, Odisha,

Tender Document Cost: Rs. 5900/- (Non – Refundable)

Form A

Format of Technical Bid

1. Name of Bidder :

2. Address of Bidder :

3. Telephone & Email :

4. ID proof (Voter ID/Adhar Card)

5. Residential address proof

(to be supported with copy
of Telephone/electric bill
of May/June - 2019/driving license):

Photograph of
the tenderer shall
be pasted here
duly self signed
in front

6. PAN Number of Bidder:

7. GST registration Number:

8. Name, Branch & Account no. of bidder :

9. Particulars of EMD – Bank Draft/Bankers Cheque No.:
& name of Drawee Bank:

10. The details of INCINERATORS: (100 Kg/ Hr.- 1 unit and 50 Kg/ Hr- 1 Unit)

Capacity	Manufacturing Company	Manufacture Year	Remarks
100 Kg/ Hour			
50 Kg/ Hour			

11. Annual Turn Over of the bidder for last three financial years (*Audited statement of accounts should be attached in support of evidence*)

SI No.	Year	Annual Turn Over (in Rs.)	Remarks
1	2015-16		
2	2016-17		
3	2017-18		

12. Experience of Bidder (*Documents of evidence should be attached*)

SI No.	Year	Name of Work	Client	Amount on Rs.
1				
2				
3				

Place:
Date:

Full signature of the tenderer

Annexure – II A

Form- B 1 Format of Financial Bid (Price Schedule)

(For 100 Kg/ Hour capacity Animal Incinerator)

Photograph of
the tenderer
shall be pasted
here duly self
signed in front

1	Cost of Main Unit (in Rs)	
2	Cost of essential spares / accessories (in Rs)	
3	Cost of items, other than optional item if any, not included above (in Rs)	
4	Taxes, if any (in Rs)	
5	Other charges, if any (in Rs)	
6	Packing, forwarding, freight, Installation & Insurance (in Rs)	
7	Total Final Landing Cost including installation (in Rs)	

Note:

A) Rates should be quoted both in words & figures.

B) If the bidder has quoted certain optional items other than above, that item shall not be taken into consideration for the evaluation of their price bid. Optional items should not be included in the final landing cost.

Date:

Place:

Signature of the Tenderer

**Form- B 2
Format of Financial Bid
(Price Schedule)**

(For 50 Kg/ Hour capacity Animal Incinerator)

Photograph of
the tenderer
shall be pasted
here duly self
signed in front

1	Cost of Main Unit (in Rs)	
2	Cost of essential spares / accessories (in Rs)	
3	Cost of items, other than optional item if any, not included above (in Rs)	
4	Taxes, if any (in Rs)	
5	Other charges, if any (in Rs)	
6	Packing, forwarding, freight, Installation & Insurance (in Rs)	
7	Total Final Landing Cost including installation (in Rs)	

Note:

A) Rates should be quoted both in words & figures.

B) If the bidder has quoted certain optional items other than above, that item shall not be taken into consideration for the evaluation of their price bid. Optional items should not be included in the final landing cost.

Date:

Place:

Signature of the Tenderer

Annexure-III**TERMS AND CONDITIONS OF THE TENDER FOR PURCHASE OF ANIMAL CARACASS INCINERATOR IN NANDANKANAN ZOOLOGICAL PARK FOR THE YEAR, 2019-20**

1	Sealed tender in prescribed form at Annexure- I and Annexure- II A & II B are invited by the Deputy Director, Nandankanan Zoological Park, Barang from individuals/ agencies/ companies/ Firms/Authorized Dealers from the eligible reputed manufacturers having experience in selling and installation of Animal caracass incinerators for installation of two nos of such incinerators having capacity of 100 kg per hour (Specification as per Annexure-IV) and 50 kg per hour capacity (Specification as per Annexure-V) at Nandankanan Zoological Park, Odisha.
2	<u>Form of Tender:</u> The tender form will consist of two parts, (i) Form-A (Technical) and (ii) Form-B 1 and Form-B 2 (Financial) . Technical Bid (Form A) and Financial Bid (Form B1 & B2) are to be kept in two separate sealed covers over which it has to be written clearly “Form-A” / “Form-B (1&2)” as the case may be and both the covers should be kept in a single sealed cover super-scribing “TENDER FOR PURCHASE AND INSTALLATION OF ANIMAL CARACASS INCINERATOR AT NANDANKANAN ZOOLOGICAL PARK” and the <u>name of the tenderer</u> or else tender shall not be considered. The tender should be sealed and complete in all respect and submitted either in person or through Regd.post/ speed post so as to reach the Office of the Deputy Director, Nandankanan Zoological Park on or before 29.11.2019 up to 5.30 PM of the date notified for the purpose in tender documents (BDS).
3	The Tender shall be finalized by a committee in the following procedure: (i) Form “A”- “Technical Bid” shall be opened first and evaluated as per the tender conditions in the office of the Deputy Director Nandankanan Zoological Park by a committee constituted on that behalf to open the technical bids in the presence of the tenderers or their authorized representatives. (ii) Form “B1 and B2” - “Financial Bid” of the tenderers those qualify the technical bid shall be opened by the Purchase committee constituted on that behalf by the Government of Odisha.
4	Tender form can be obtained from the website of Nandankanan Zoological Park www.nandankanan.org and submitted with a Bank Draft of Rs.5900/- (Rupees Five Thousand Nine Hundred) only inclusive of 18% GST drawn in favour of the Deputy Director, Nandankanan Zoological Park in any nationalized Bank payable at Bhubaneswar towards cost of tender papers. The cost of tender papers is not refundable under any circumstances.
5	Tender submitted by a person who is a minor or who is insolvent or who has been convicted in a court of law for offences involving moral turpitude or who has been black listed shall be treated as invalid tender and EMD of such invalid tender shall be forfeited to the Government. The intending person has to give an undertaking to the

	effect that he has no such outstanding dues to be paid to Nandankanan Zoological Park.
6	No interest shall be payable in any case on the amount of earnest money deposit.
7	Tenders sent otherwise than as laid down herein will be considered invalid
8	The tenderer may offer his bid price both in Figures and words in the Financial Bid Format.
9	<p>Phase-1:</p> <p>Technical Bid Evaluation: All the desired documents shall be inspected along with technical feasibility by a committee constituted for the purpose. The bidders may make a presentation of their products and its technical process through power point before the Committee on the day of opening technical bid.</p> <p>Phase 2:</p> <p>Financial Bid Evaluation: Financial bid of all those bidders who qualify the technical bid shall only be opened by the Purchase Committee in presence of technically qualified bidders or their authorized representative on the date to be mentioned subsequently.</p>
10	<p>The following documents shall comprise the bid and shall be submitted by each bidder along with bid as mandatory requirement. The bidder, who fails to submit any of these documents shall be treated as “Non-responsive” and shall not be considered for further evaluation.</p> <ol style="list-style-type: none"> a) Latest passport size photograph of the tenderer -1no. b) Proof of identity of the tenderer (Copy of Voter I. Card/Adhar/ Driving license) c) Proof of residential address (copy of telephone or electric bill for the month of September or October-2019 / copy of bank pass book showing up to date transactions. d) Copy of PAN card. e) Tender document cost as specified in the BDS is mandatory both for the agency registered under NSIC/MSME and not registered under NSIC/MSME. f) EMD Rs.2,00,000/- in shape of Bank Draft / Bankers Cheque to be drawn in favour of the Deputy Director, Nandankanan Zoological Park in any nationalized bank, payable at Bhubaneswar. In case of un-successful bidders, the EMD shall be refunded after completion of the tender process i.e. within seven days of signing agreement with successful bidder. g) Copy of GST registration Certificate. h) An undertaking to the effect that there are no dues outstanding against the intending bidder to be paid to Nandankanan Zoological Park. i) The original bid document dully signed and stamped on each page as a token of acceptance of terms & conditions of the bid document. j). Self-attested copy of all legal documents of bidder in case of proprietary firm, company established under Indian Law, partnership firm etc.

	<p>k). Copy of the audited balance sheet/profit loss account for last three financial year.</p> <p>l). A self-declaration statement of bidder specifying good experience and not debarred by any Govt. Organization</p> <p>m). Work orders and Completion Certificate of various works executed as specified in the eligible criteria</p>
11	The EMD shall be forfeited to Government, in case the successful tenderer does not turn up to sign the agreement within stipulated period after finalization of the tender.
12	The Deputy Director, Nandankanan Zoological Park shall be the authority who is competent to enter into agreement with the successful tenderer on behalf of the Government.
13	The successful tenderer shall enter into an Agreement with the Deputy Director prior to purchase and installation of incinerator at Nandankanan Zoological Park.
14	The bid shall be remain valid for period of 180 days from the last date prescribed for submission of bids. During the period of validity of bid the contract will be signed between the two parties. Once the bid validity period is over no contract will be able to sign or can be done between two parties under this bid.
15	<p>Eligibility Criteria:</p> <p>a. Tenderers participation eligibility shall only be for manufactures of the tender item.</p> <p>b. The Tenderers shall preferably be registered with NSIC /MSME as manufacturer of tender item and the certified copy should be enclosed as per capacity of the indicated in the tender. Those not registered under NSIC /MSME shall be required to furnish EMD as per Terms and Conditions, Items No. 10 (f) above</p> <p>c. The tenderer must have valid quality manufacturing process for Incinerator process certified by ISO 9001:2015 quality certification agency .</p> <p>d. The tenderers must have supplied two animal carcass Incinerator in last three years.</p> <p>e. The tenderer should submit at least Two Emission Test Reports of the Incinerators conducted by approved test laboratories by State Pollution Control Board or Ministry of Environment Govt. of India or by any laboratory authorized by the State / Central Government.</p> <p>f. Tenderer should have average turnover more than 2 (two) crore in last 3 years. Solvency certificate of the value not less than Rs. 50.00 lakhs (Fifty) from any nationalized bank should be submitted with the bid.</p>
16	All the bids received [technical & financial] within due date as specified in BDS will be opened on bid opening date/s as specified in the bidding document. These dates can be changed depending upon the situations and bidders will be informed in advance for the next date.
17	The contract will remain in force for a period of 12 months from the date of signing of

	the agreement without any price escalation. Any variation in price for any other reason, whatsoever, shall not affect the agreed rates and shall not vitiate the contract and the successful bidder will be bound to continue to provide services at the agreed rates/prices.
18	The bidders are expected to examine all instruction, forms, terms and conditions in the bidding document. Failure to furnish all information required as specified in the bidding document or submission of a bid not substantially responsive to the bidding document in every respect will be at bidder's risk and may result in rejection of bid.
19	The rate quoted by the successful bidder shall be inclusive of all taxes and Govt. Duties as prevailing. The Officer in Charge of the project or Person authorized or committee so formed for this purpose of opening and finalizing the tender will deduct the taxes as per rule in force from the payment to be made to successful bidder.
20	The successful bidder is responsible for all statutory and regulatory compliances and for obtaining any permits/ license or other documents required for this assignment.
21	After award of the contract, if there is any increase/decrease in any Govt. Duties or taxes, the same will be proportionately adjusted in the contract price from the date.
22	The Deputy Director or any officer authorized or committee so formed for this purpose may, without prejudice to any other remedy for breach of contract by written notice of default sent to the successful bidder, the Deputy Director or any officer, authorized or committee so formed for this purpose terminate the contract in whole or in part. If the contract is terminated the successful bidder shall stop providing service immediately.
23	In the event of termination of contract by Officer in Charge of the project or Person authorized or committee so formed for this purpose on account of breach of contract condition or non-performance by the successful bidder, the entire Performance Security amount will be forfeited.
24	The Deputy Director, Nandankanan Zoological Park or officer authorized or committee so formed for this purpose reserved the right to foreclosure the contract without assigning any reasons. In such case the successful bidder will not be entitled to any compensation for non-providing services or loss of profit or any incidental costs of any kind. Payment shall be made only for supplied services and accepted by the employer up to the date of effect of this procedure.
25	Successful bidder shall pay 10% of the total tender value towards Security Deposit in shape of Bank Draft in favour of "Deputy Director, Nandankanan Zoological Park" in any Nationalized Bank payable at Bhubaneswar during signing of agreement and before issue of Work Order which shall be released to the successful bidder after final payment.
26	Information about the financial bid for Purchase of Incinerator shall be provided as in Financial bid as per Annexure-II A and II B . The successful bidder shall need to submit following deliverables at the time of

	<p>submission of invoice for services provided as part of this contract.</p> <p>a) Certificate of warranty or guaranty.</p> <p>b) Certificate of free maintenance of the instruments.</p> <p>c) Contact details or Address of the person or firm or organization in case if complaint if any to be filed in case if instruments needs any maintenance.</p> <p>d) Certificate of Authorization (in case the bidder is an authorized distributor) or (in case the bidder is an authorized service provider).</p>
27	The time limit for cost will be 12 months from the date of signing the agreement and issuance of Work Order During this period the successful bidder cannot raise the cost of the incinerator.
28	It is confirmed that on submission of the tender, the bidders have been and thoroughly gone through the all specification, conditions, and other papers of the tender document and it is binding on the bidder to execute the work accordingly.
29	60% Payment will be released to the successful bidder against delivery of material at our site and 30% will be released after installation within 30 working days. The balance 10% shall be released after 90 days of successful operation of incinerator. The amount shall be released to the successful bidder only, through RTGS subject to submission of valid invoice in two copies.
30	The Deputy Director, Nandankanan Zoological Park or any officer authorized on his behalf or the committee so formed for this purpose of opening the Financial Bid will issue the specific work order on time to time [single or part of services] for Purchase of Incinerator based on the rates agreed as part of this contract
31	The contract shall be governed as per Indian Law and shall be jurisdiction of Courts in Bhubaneswar.

Deputy Director
Nandankanan Zoological Park

UNDERTAKING

I _____ S/o _____

at _____ Po _____ Ps _____ Dist _____

_____ Pin: _____ do hereby undertake that I have read all the conditions and agrees to it and submitted the tender for purchase of animal carcass Incinerators at Nandankanan zoological Park.

Signature of the tenderer

Date:

TECHNICAL SPECIFICATION FOR OIL FIRED INCINERATOR
(100 Kg/ Hour Burning Capacity)

GENERAL DETAILS**(A). INCINERATOR:**

- | | | | |
|----|--------------------------|---|--------------------------|
| 1. | Design Standards | : | Dual Chamber |
| 2. | Body Design | : | Rectangular Construction |
| 3. | Type of Waste | : | Animal Carcass Waste |
| 4. | Burning capacity | : | 100 Kg./Hr. |
| 5. | Mode of Combustion | : | Oil fired |
| 6. | Type of Burner operation | : | Automatic |
| 7. | Overall Size | : | 1500 x 1200 x 1800mm |

8. **Temperature**

- | | | | |
|-----|-------------------|---|-----------------------|
| (a) | Primary Chamber | : | Approx. 800°C ± 50°C |
| (b) | Secondary Chamber | : | Approx. 1050°C ± 50°C |

(B). CONTROL PANEL

- | | | | |
|----|-------------------------|---|---|
| 1. | Type | : | Digital |
| 2. | No. of Temp. Controller | : | 2 Nos. one each for Primary & Secondary Chamber |
| 3. | Operative on | : | 3 Phase 440V 50Hz |

(C). COMBUSTION AIR FAN:

- | | | | |
|----|----------|---|------------------|
| 1. | Type | : | Centrifugal Type |
| 2. | Capacity | : | 1 HP |

(D). I.D. FAN:

- | | | | |
|----|----------|---|--------------------------------|
| 1. | Type | : | High Pressure Centrifugal type |
| 2. | Capacity | : | 5 HP |

(E). BURNER:

- | | | | |
|----|----------------|---|--|
| 1. | Type | : | Mono Block Fully Automatic Oil Fired |
| 2. | No. of Burners | : | Two (1 for primary & 1 for secondary) |

(F). VENTURY SCRUBBER:

- | | | | |
|----|-----|---|-----------------|
| 1. | MOC | : | Stainless Steel |
|----|-----|---|-----------------|

(G). DROPLET SEPARATOR:

- | | | | |
|----|-------------|---|--|
| 1. | Application | : | To Separate water droplets from flue gases |
|----|-------------|---|--|

(H). CHIMNEY:

- | | | | |
|----|---------|---|--------|
| 1. | Height | : | 30mtrs |
| 2. | Top Dia | : | 250 mm |

(I) DIESEL TANK:

- | | | | |
|----|----------|---|----------|
| 1. | Capacity | : | 200 Ltr. |
|----|----------|---|----------|

TECHNICAL SPECIFICATION FOR OIL FIRED INCINERATOR
(50 Kg/ Hour Burning Capacity)

GENERAL DETAILS**(A). INCINERATOR:**

- | | | | |
|----|--------------------------|---|--------------------------|
| 1. | Design Standards | : | Dual Chamber |
| 2. | Body Design | : | Rectangular Construction |
| 3. | Type of Waste | : | Animal Carcass Waste |
| 4. | Burning capacity | : | 50 Kg./Hr. |
| 5. | Mode of Combustion | : | Oil fired |
| 6. | Type of Burner operation | : | Automatic |
| 7. | Overall Size | : | 1200 x 1000 x 1800mm |

8. **Temperature**

- | | | | |
|-----|-------------------|---|-----------------------|
| (a) | Primary Chamber | : | Approx. 800°C ± 50°C |
| (b) | Secondary Chamber | : | Approx. 1050°C ± 50°C |

(B). CONTROL PANEL

- | | | | |
|----|-------------------------|---|---|
| 1. | Type | : | Digital |
| 2. | No. of Temp. Controller | : | 2 Nos. one each for Primary & Secondary Chamber |
| 3. | Operative on | : | 3 Phase 440V 50Hz |

(C). COMBUSTION AIR FAN:

- | | | | |
|----|----------|---|------------------|
| 1. | Type | : | Centrifugal Type |
| 2. | Capacity | : | 1 HP |

(D). I.D. FAN:

- | | | | |
|----|----------|---|--------------------------------|
| 3. | Type | : | High Pressure Centrifugal type |
| 4. | Capacity | : | 2 HP |

(E). BURNER:

- | | | | |
|----|----------------|---|--|
| 3. | Type | : | Mono Block Fully Automatic Oil Fired |
| 4. | No. of Burners | : | Two (1 for primary & 1 for secondary) |

(F). VENTURY SCRUBBER:

- | | | | |
|----|-----|---|-----------------|
| 2. | MOC | : | Stainless Steel |
|----|-----|---|-----------------|

(G). DROPLET SEPARATOR:

- | | | | |
|----|-------------|---|--|
| 2. | Application | : | To Separate water droplets from flue gases |
|----|-------------|---|--|

(H). CHIMNEY:

- | | | | |
|----|---------|---|--------|
| 1. | Height | : | 30mtrs |
| 2. | Top Dia | : | 250 mm |

(I) DIESEL TANK:

- | | | | |
|----|----------|---|----------|
| 1. | Capacity | : | 200 Ltr. |
|----|----------|---|----------|