

No. 2048 /C.W. Date: 02/09/2024File No:-III-23/2024(257)

TENDER CALL NOTICE

TOWARDS PROCUREMENT AND INSTALLATION OF 732 NOS INCINERATOR & 732 NOS VENDING MACHINE FOR DIFFERENT SCHOOLS OF KEONJHAR DISTRICT

1. Scope of the Work (SoW):

Supply and Installation of 732 numbers of Incinerators & 732 Nos Vending Machines as per the specification mentioned below to the schools of Keonjhar district:

2. Technical Specification of the License to be supplied

| Incinerator | Vending Machine |
|-------------|-----------------|
| Annexure-A | Annexure-B |

3. Eligibility Criteria:

| BIDDER ELIGIBILITY CRITERIA | | |
|-----------------------------|---|---|
| Sl. No | Particulars | Required Documents |
| 1 | The Joint Venture or Bidder or its OEM themselves or through reseller(s) should have regularly supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for (03) THREE YEARS before the bid opening date. | Copies of relevant work order with self-attested to be submitted along with bid in support of having supplied some quantity during each of the year. |
| 2 | Bidder or its OEM (themselves or through their resellers) should have supplied same or similar category products for 40% of bid quantity in at least one of the last (03) Three financial years before the bid opening date to any Central/ state Government Organization / PSU / Public Listed Company. | Copies of the work order and relevant document with self-attested to be submitted along with the bid in support of quantity supplied in the relevant financial year Previous must be submitted. |
| 3 | Non-Black listing Certificate | Self-declaration that the bidder is not blacklisted by any Central/ State Government Organization/ PSU/ Public Listed Company. |
| 4 | Bidder must possess valid Document: <ul style="list-style-type: none"> ➤ PAN CARD ➤ GST Certificate ➤ Bank Account Details | Bidder must submit the PAN, GST and Bank Account details. All the documents must be Self-attested. |
| 5 | GST Return Document | Bidder must submit GST return certificate for the month of July-2024 or August - 2024. |
| 6 | Annual turnover of Bidder: | The Bidder must have minimum average Annual Financial Turnover of Rs. 03 Cr. (Three Crore) in the immediate last Three financial years ending 31st March' 2024. The supporting documents must be Audited by a C.A. |
| 7 | ISO Certificate. | Bidder Must submit the ISO 9000:2015 or 27001:2013 certificate with self-attested. |



| | | |
|---|------------------------|---|
| 8 | EMD / Security Deposit | <ol style="list-style-type: none">1. The bidder must submit Rs.10,000/- (Rupees Ten Thousand Only) in shape of Demand Draft from any Nationalised Bank payable at Keonjhar in favour of DPC, SSA, Keonjhar as Tender Paper Cost (Non Refundable).2. EMD 2% of Tender Value i.e. Rs.4,39,200/- (Rupees Four Lakh Thirty Nine Thousand Two Hundred) Only in shape of Demand Draft from any Nationalised Bank payable at Keonjhar in favour of DPC, SSA, Keonjhar to be deposited as EMD. The EMD of unsuccessful firms will be returned. EMD deposited by the selected firm will be returned after submission of PBG.3. The successful awarded (L1) bidder shall deposit 5% as security Deposit of Tender Value.4. The cost of Incinerator price not exceeding Rs. 20,000/- per Unit & the cost of Vending Machine not exceeding Rs. 10,000/- per Unit. <p>Firms registered under MSME UDYAM are exempted from submitting the EMD as per the norm of Govt. But the bidder must submit the supporting document of MSME UDYAM with self-attested.</p> |
|---|------------------------|---|

Brand and Model Number.

Bidder must submit the Brand and Model number and Detail Specification (Data Sheet) of the product. Copy of the same must be submitted with self-attested. After verification of the Technical BID and the successful bidder in Technical bid will produce the sample before the committee for detail verification prior to opening of Financial Bid. The committee has right to accept or reject of the product.

Validity of the BID.

The validity of the Bid is for 180 days.

Bid Price of the Product.

Actual Deliver of the product is at School Point. The bidder must be quoted the product price including supply and installation of the product at School Point. And installation of the product must be done at 732 Schools of the Keonjhar district. After finalization of the bid, the buyer will be provide the consign details.

Payment will be made as mentioned.

The 70% of the L1 bid price will be paid to the successful bidder after supply of the product and rest 30% will be paid after installation and commissioning of the product on production of Photographs and installation certificate duly signed by the school HM.



PBG (Performance Bank Guaranty).

The successful L1 bidder will submit the PBG at the rate of 5% of the total BID cost in favour of DPC-SSA-Keonjhar. The PBG will be return after completion of warranty tenure of the product.

Supply of the Product by the bidder

The bidder must supply the product within 30 days of receipt of the order.

Service Support

The bidder must submit the dedicated / Toll Free Telephone No. for Service Support and escalation matrix.

Comprehensive warranty:

Comprehensive warranty (Minimum 2 Years) shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the warranty period commencing from date of the successful completion of warranty period.

Service centres:

Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address, telephone numbers, e mails etc at time of making the supplies. It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled. Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.

Source of supply:

It shall be responsibility of seller to provide Documents regarding source of equipment's such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.

Packing and Marking:

Medical equipment's being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to



consideration the type of medical equipment's being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,. Packing list reference number , country of origin of goods and any other relevant details.

Spare Parts:

Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM. It shall be ensured that the required spares are available for purchase at least for **Three (03) years** from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipment's so that the same are available.

OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipment's supplied

Installation, Training, Manuals:

Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignees representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations, training and manuals the same shall also be applicable.

Electrical safety checking:

Sellers are required to make sure that they furnish the list of equipment's for carrying out routine and preventive maintenance to buyer/consignee .They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipment's checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.

Software:

All software updates should be provided free of cost during warranty period.



How to Apply

The Tender documents can be down loaded from website i.e. from www.kendujhar.odisha.gov.in / <https://osepa.odisha.gov.in/> .The original signed copy of the tender (**signed in all pages by the bidder/vendor**) is to be enclosed in a **double cover** along with **Tender paper cost, EMD & required documents**. The inner covers should be sealed. The outer cover should be super subscribed as "**Tender for supply of 732 no's of Incinerator & 732 no's of Vending Machines for Schools**". The tenderer shall place two envelopes clearly marked containing **Technical Bid** and **Financial Bid** separately in the main envelope. If the Supplier/Bidder/Vendor is unable to follow the instructions and does not submit the document as mentioned, then the tender document will be rejected and the vendor will not be allowed to participate in the tender process.

All the tender paper should be sent through **Speed Post / Registered Post only** by **Dated 17/09/2024 at Time 11:00 A.M.**

Addressing to the :-

**DISTRICT PROJECT CO-ORDINATOR,
SARVA SIKSHYA ABHIYAN,
D.I. OFFICE CAMPUS
P.W.D. ROAD, NEW MARKET,
KEONJHAR-758001. (ODISHA).**

DETAIL DATES RELATING TO BID

| | |
|--|--|
| Date of Publication | 03-09-2024 |
| Last Date/ Time of BID Submission | 17/09/2024 at 11.00 A.M. |
| Date of Technical BID Opening | 17/09/2024 at 12.00 NOON |
| Date of Financial BID Opening | 17/09/2024 at 03.00 P.M. (After Sample verification) |
| Place of opening of BID Address | District Project Office Sarva Sikshya Abhiyan, Keonjhar |

Selection Procedure

After evaluation of Technical and Financial Bid by the Tender committee, the L1 bidder will be awarded.

Bidders may be disqualified.

Further, Authority reserves the rights to modify / Cancel the above Tender Call Notice, accept / reject any or all the Bids without assigning any reason thereof. And also any other reason as per the decision taken by the purchase Committee.

The under signed is not responsible for any postal delay (what so ever the reason there may be).

Sd/-02/09/2024

**DEO-cum-DPC
SS-KEONJHAR**

FORMAT OF FINANCIAL BID QUOTATION:-

FOR INCINERATOR & VENDING MACHINE (732 EACH)

| FINANCIAL BID (FOR INCINERATOR) | | | | | | |
|--|-------------------|-------------------|-----------------|-------------------------|---------------------------|-----------------|
| SL NO | Brand name | Model name | Quantity | Unit Rate in Rs. | Total Quoted Price | |
| | | | | | In Figure | In Words |
| 1 | | | | | | |

Total Bid price (including all Taxes, Transportation, installation and other charges)
for **INCINERATOR** is Rs _____ (in number)
_____ (in words).

| FINANCIAL BID (FOR VENDING MACHINE) | | | | | | |
|--|-------------------|-------------------|-----------------|-------------------------|---------------------------|-----------------|
| SL NO | Brand name | Model name | Quantity | Unit Rate in Rs. | Total Quoted Price | |
| | | | | | In Figure | In Words |
| 1 | | | | | | |

Total Bid price (including all Taxes, Transportation, installation and other charges)
for **VENDING MACHINE** is Rs _____ (in number)
_____ (in words).

Seal & Signature of the Bidder



Annexure- A

Specifications OF INCINERATOR

| | |
|--|--|
| Stand provided- | Yes |
| Thickness of thermal Insulation material (mm)- | Any Value |
| Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min)- | Any Value |
| Machine Weight(kg)- | Less than 20 |
| Thickness of door including insulation (mm)- | Any Value |
| Flexible emission Outlet pipe dia (mm)- | Any Value |
| Material of Housing cabinet (External)- | Mild Steel |
| Material of Burning chamber (Internal)- | Mild Steel |
| Material of Thermal Insulation- | High Density Ceramic Fibre sheet |
| Temperature indicator provided- | Yes |
| Minimum Burning temperature (degree C)- | Any Value |
| Burning Capacity per day (Number of Napkins) | 15-50 |
| Burning Capacity at a time (Number of Napkins) | 15-25 |
| Burning time of full capacity Napkins/pads (minutes) (Max)- | 35 minute |
| Automatic digital controller for time- | Yes |
| Automatic digital controller for temperature- | Yes |
| Type of SCU (Smoke Control Unit)- | Top mounted |
| Material of housing of Smoke Control Unit (SCU)- | Stainless Steel of SS-304 grade / MS |
| Both carbon Control and Foul odour Control Chambers | Yes |
| For filtration of smoke emission- | Yes |
| Number of filters in Carbon control chamber- | Three (3) |
| Type of filters in Carbon control chamber- | Teflon filter, Activated Carbon filter & Steel mesh filter |
| Number of filters in Odour control chamber- | Three |
| Blower RPM- | 2700 |
| Warranty in Years- | 2 Years |

General

| | |
|----------------------------|--|
| Type | Wall Mountable |
| Purpose | Burn used Sanitary Napkins to sterile ash and stop automatically |
| Color | ANY |
| Operation Mode | Electronically operated, fully Automatic |
| Loading Type | Front loading |
| Stand provided | Yes |
| Number of chambers | Two |
| Trap Door available | Yes |
| All MS parts Powder coated | Yes |



| | |
|---|------------------------|
| Spare parts should be available for Minimum 3 years from date of supply | Yes |
| All electrical parts are ISI Marked | Yes |
| Thickness of thermal Insulation material (mm) | 40 millimeter |
| Thickness of MS/SS sheet of housing cabinet (external) (mm) | 1.2 millimeter |
| Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min) | 5 millimeter |
| Machine Width(mm) | Less than 300 |
| Machine Depth (mm) | Less than 700 |
| Machine Hight(mm) | Less than 500 |
| Machine Weight(kg) | Less than 30 |
| Door width(mm) | Less than 200 |
| Door height(mm) | Less than 150 |
| Thickness of door including insulation (mm) | 40 millimeter |
| Internal/burning chamber shape | Vertical cylindrical |
| Flexible emission Outlet pipe dia (mm) | 40 millimeter |
| Detachable ash tray length (mm) | 200 (appx.) |
| Detachable ash tray width (mm) | 200 (appx.) |
| Detachable ash tray height (mm) | 30 (appx.) |
| Stand Height (mm) | 500 millimeter (appx.) |
| Stand Width (mm) | 400 (appx.) |
| Stand Depth (mm) | 300 (appx.) |

MATERIAL OF MACHINE UNIT

| | |
|--|--|
| Material of Housing cabinet (External) | Mild Steel |
| Material of Burning chamber (Internal) | Mild Steel |
| Finish of MS parts of cabinet | Epoxy anti rust proof painting for superior finish |
| Material of Thermal Insulation | High Density Ceramic Fibre sheet |

CONSTRUCTIONAL FEATURES

| | |
|---|----------------|
| Thermal insulation of burning chamber housed in outer chamber | Yes |
| Burning Chamber tray provided | Yes |
| Emission Outlet pipe location | Top of machine |
| Means of connecting the unit outlet with flue gas emission pipe | Clamped |
| Type of door lock provided | Magnetic Lock |

CONTROL & FUNCTIONAL FEATURES

| | |
|---|-----|
| Temperature indicator provided | Yes |
| Timer provided | Yes |
| Auto cut-off temperature display | Yes |
| Digital display to see actual and set temperature | Yes |
| Minimum Burning temperature (degree C) | Any |



| | |
|---|-----------|
| Burning Capacity per day (Number of Napkins) | Around 50 |
| Burning Capacity at a time (Number of Napkins) | Around 25 |
| Residue Ash per Napkin (gms) | 1 gram |
| Burning time of full capacity Napkins/pads (minutes) (Max) | 35 minute |
| Skin temperature of the unit under operation (deg C) | 0-15 |
| Installation, training, demonstration and plumbing included | Yes |

ELECTRICAL AND SAFETY FEATURES

| | |
|--|--|
| Automatic digital controller for time | Yes |
| Automatic digital controller for temperature | Yes |
| Equipment ON/OFF indicator provided | Yes |
| Power supply | 230v +/-10%, 50Hz, Single phase, AC supply |
| Electrical Power Consumption(Watt) | 500-1000 |
| Minimum length of power chord to be supplied along with machine (mtr) | 2 meter |
| Type of Heater | Ceramic heater containing coil |
| Power saver (auto power cut-off) | Yes |
| Safety MCB provided (16A to 30A) | Yes |
| Protection against electric shock when checked as per IS:302-1/2008 | Yes |
| Minimum Insulation Resistance (IR) at 500 VDC (Mega Ohm) | 2 |
| Maximum Electrical Insulation and Leakage current as per IS:302-1/2008, (mA) | 0.21 |
| Maximum Earthing continuity test when tested as per IS:302-1/2008 (Ohm) | 0.1 |
| HV test at 1000 V rms for 1 Sec when tested as per IS:302-1/2008 | No breakdown shall occur during the test |

SMOKE CONTROL UNIT (SCU)

| | |
|---|--|
| Type of SCU (Smoke Control Unit) | Top mounted |
| Material of housing of Smoke Control Unit (SCU) | Mild Steel |
| Finish of MS parts of SCU cabinet | Epoxy anti rust proof painting for superior finish |
| Overall height of SCU (mm) | 325 |
| Overall width of SCU (mm) | Less Than 500 |
| Overall depth of SCU (mm) | Less Than 300 |
| Number of chambers for filtration of smoke emission | Two |
| Both carbon Control and Foul dour Control Chambers for filtration of smoke emission | Yes |
| Number of filters in Carbon control chamber | Three |
| Type of filters in Carbon control chamber | Teflon filter, Activated Carbon filter & Steel mesh filter |



| | |
|---|--|
| Number of filters in Odour control chamber | Three |
| Type of filters in Odour control chamber | Activated Carbon filter |
| Blower type | "Centrifugal, direct driven" |
| Blower RPM | 2700 |
| Power supply of SCU | 230v +/-10%, 50Hz, Single phase, AC supply |
| Minimum length of flexible emission outlet pipe to be supplied along with machine (mtr) | 3 |
| Cost of additional flexible emission outlet pipe, if required on actuals to be paid by the user | Yes |

EMISSION STANDARD FOR SMOKE

| | |
|---|------|
| Conformity to CPCB, Min of Environment & Forests standard, Solid Waste Management Rules (SWM), 2016 | Yes |
| Particulates (Half hourly average) (mg/Nm ³) (Max) | 50 |
| HCl (Half hourly average) (mg/Nm ³) (Max) | 50 |
| SO ₂ (Half hourly average) (mg/Nm ³) (max) | 200 |
| CO (Half hourly average) (mg/Nm ³) (Max) | 100 |
| CO (Daily average) (mg/Nm ³) (Max) | 50 |
| Total Organic Carbon (Half hourly average) (mg/Nm ³) (Max) | 20 |
| HF (Half hourly average) (mg/Nm ³) (Max) | 4 |
| "Nox (NO and NO ₂ expressed as NO ₂) (Half hourly average) (mg/Nm ³) (Max)" | 400 |
| Total dioxins and furans (6 to 8 hours sampling basis, Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence) (ng TEQ/Nm ³) (Max) | 0.1 |
| Cd + Th + their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm ³) (Max) | 0.05 |
| Hg and its compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm ³) (Max) | 0.05 |
| Sb+As+Pb+Cr+Co+Cu+Mn+Ni+V+their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm ³) (Max) | 0.5 |
| Loss on ignition (max) (% dry weight of the material) | 5 |

PACKING

| | |
|---------|------------|
| Packing | Carton Box |
|---------|------------|

MARKING AND INSTRUCTIONS

| | |
|--|-----|
| The appliance is marked as per IS:302-1/2008 | Yes |
|--|-----|

***CERTIFICATION***

| | |
|--|-----|
| Submission of Test Report from Central Govt/CSIR Lab/NABL/ILAC accredited Lab specifically containing Electrical & Electronic parameters, Thermal insulation material of burning chamber in addition to declared specification parameter at time of supply | Yes |
| Submission Test Report for equipment for compliance of Flue gas emission and ash upon combustion of Sanitary Napkins/Pads to Central Pollution Control Board (CPCB) norms from NABL accredited lab/CSIR Lab at the time of supply | Yes |
| Certification Available | BIS |
| Certificate for Manufacturing premises available | ISO |
| Compliance certificate is to be furnished after conducting comprehensive performance test by the supplier | Yes |
| Submission of all the certifications to the buyer along with supplies | Yes |

PERFORMANCE REQUIREMENTS

| | |
|--|---|
| Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue) | 2 |
|--|---|



Annexure- B

Specifications OF VENDING MACHINE

| | |
|--|----------------------------------|
| Type of machine | Automatic |
| Operating features | Coin operated |
| Multiple coins accepted | No |
| Number of selection options | 1 |
| Accessibility for free vending utility service | Token |
| Type of loading | Spiral |
| Maximum Storage Capacity (Nos) | 50 |
| Material of the outer body | Mild Steel (MS)/ Less Than 10 KG |
| Built-in charger | Yes |
| Mode of function | Stand alone |
| Operating Power source | Electronic |
| Battery Backup time (hrs) | 6-10hr |

General

| | |
|--|---------------------|
| Type of machine | Automatic |
| Type of fitting | Wall Mountable |
| Colour | Any Colour |
| Napkin Size for loading | Regular / Free Size |
| Operating features | Coin operated |
| Multiple coins accepted | No |
| Number of Napkins/pads provided/loaded with the vending machine | 100 |
| Multi selection of Napkin type | Yes |
| Number of selection options | 1 |
| Vending option | Horizontal |
| Accessibility for free vending utility service | Token |
| Type of loading | Spiral |
| Vending Napkin individually packed | Yes |
| LED illumination provided for visibility of Napkins in the machine | Yes |
| Visibility window | Yes |
| Pre-programmable facility available | Yes |
| Maximum Storage Capacity (Nos) | 25-50 |
| Digital counter for accounting | Yes |
| "No stock" message display available | Yes |
| Built-in program for automatic coin return/reject system when there is no stock or no power | Yes |
| Built-in program for automatic currency block/reject system when there is no stock or no power | Yes |

DISTRICT PROJECT OFFICE , SAMAGRA SIKSHYA, KEONJHAR

[CIVIL WORKS] Ph. No-06766-254103

Email id: dpckeonjharssa.opepa@nic.in, dpckeonjhar@gmail.com

**ସମଗ୍ର ଶିକ୍ଷା
ସମଗ୍ର ଶିକ୍ଷା
Samagra Shiksha**

| | |
|--|--------------------------------------|
| Built-in price programming software for changing the price | Yes |
| Sales data retrieval | NA |
| Any additional built-in features available | Good Quality Coin Acceptor and Solar |

Functional Features

| | |
|----------------------------------|-------------------------------------|
| Material of the outer body | Mild Steel(MS) |
| Type of battery | Sealed Maintenance Free Lead Acid |
| Built-in charger | Yes |
| All MS parts are duly painted by | Powder coating |
| Mode of function | Stand alone |
| Operating Power source | Electronic |
| Input Power supply | 220v +/- 10%, 50Hz, Single Phase AC |
| Battery Backup available | Yes |
| Battery Backup time (hrs) | 6-10 hrs |
| Type of Packing | ANY |

Certifications

| | |
|---|-----------------------------------|
| Submission of Test Report on form 39 or form Central Govt/NABL/ILAC accredited Lab or Manufacture's in-house Test Report to prove the conformity to declared specification at the time of supply. | Yes |
| Certification Available | EU-CE |
| Certification for Manufacturing Premises | ISO 9001:2015 or NSIC Certificate |

Memo NO 2049 Date 02/09/2024

Copy submitted to the notice board of Collector, Keonjhar / ADM (Gen), Keonjhar/ CDO-ZP, Keonjhar for wide publication.

**Sd/-02/09/2024
DEO-cum-DPC
SS-Keonjhar****Memo NO 2050 Date 02/09/2024**

Copy to the notice board of All District Level Officers, Keonjhar for wide publication.

**Sd/-02/09/2024
DEO-cum-DPC
SS-Keonjhar**