

e-Tender Notice

Inviting

Bids from reputed International/national consultancy firms/Institutions for carrying out Gap analysis study in the Bio-medical Waste Management in the state of Andhra Pradesh

Tender Notice No. APPCB-11022/43/2019-TEC-CFO-APPCB 12/11/2019



**Andhra Pradesh Pollution Control Board
D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel
Centre, Chalamalavari Street, Kasturibaipet, Vijayawada.
Phone No. 0866-2463200**

Website: <http://www.pcb.ap.gov.in>

**Document Price: Rs. 1,000/-
(Non Refundable)**

(2019-2020)

Andhra Pradesh Pollution Control Board
**D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada.**

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Pradesh**

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Part - A**SCHEDULE OF TENDER**

1.	Department Name	ANDHRA PRADESH POLLUTION CONTROL BOARD
2.	Circle/Division	D.NO.33-26-14D/2, NEAR SUNRISE HOSPITAL, PUSHPA HOTEL CENTRE, CHALAMALAVARI STREET, KASTURIBAIPET, VIJAYAWADA.
3.	Tender Number	APPCB-11022/43/2019-TEC-CFO-APPCB
4.	Tender Subject	To carry out Gap analysis study in Bio-medical Waste management in the state of Andhra Pradesh
5.	Period of Contract	As per Tender Document
6.	Form of Contract	As per Tender Document
7.	Tender Type	e-Procurement
8.	Tender Category	Study
9.	EMD / Offer Security	BIDDERS SHOULD SUBMIT THEIR EMD Rs 100000 BY WAY OF DEMAND DRAFT / BANK GUARANTEE DRAWN ON ANY NATIONALIZED / SCHEDULED BANK PAYABLE AT VIJAYAWADA IN FAVOUR OF THE MEMBER SECRETARY, ANDHRA PRADESH POLLUTION CONTROL BOARD, VIJAYAWADA.
10.	EMD/Offer Security Payable to	THE MEMBER SECRETARY, ANDHRA PRADESH POLLUTION CONTROL BOARD.
11.	Process Fee	Rs. 1,000/- (by way of demand draft)
12.	Process Fee Payable To	THE MEMBER SECRETARY, ANDHRA PRADESH POLLUTION CONTROL BOARD.
13.	Start date of online availability of bid document and start date of submission of quotation	15.11.2019 at 10:30 AM
14.	Pre-bid meeting	20.11.2019 at 11:00 AM
15.	Bid Submission Closing Date & Time	06.12.2019 at 05:00 PM
16.	Submission of separate DDs towards EMD	SCANNED COPY SHOULD BE UPLOADED WHILE BIDDING AND HARD COPY SHOULD BE SUBMITTED WELL BEFORE OPENING OF TECHNICAL BID
17.	Technical Bid Opening Date & time	09.12.2019 at 11:00 AM
18.	Price Bid Opening Date & Time	12.12.2019 at 11:00 A.M.
19.	Place Of Tender Opening	Andhra Pradesh Pollution Control Board, Head Office
20.	Officer Inviting Bids	The Member Secretary, Andhra Pradesh Pollution Control Board
21.	Contact Person	Sri Mohan Rajasekhar, Senior Environmental Engineer, Contact no: 9866776711

22.	Address/E-mail id	unit2-see1@appcb.gov.in
23.	Contact Details/Telephone, Fax	0866-2463200
24.	Procedure for offer submission	<p>The Bidders shall submit their response through e-Procurement platform at www.e-Procurement.gov.in by following the procedure given below:</p> <p>The Bidders would be required to register on the e-procurement market place www.e-Procurement.gov.in or https://tender.e-Procurement.gov.in and submit their bids online.</p> <p>Offline bids will not be entertained by the Tender Inviting Authority for the tenders published in e-Procurement platform.</p> <p>The Bidders shall submit their eligibility and qualification details, Technical bid, Financial bid, etc., in the online standard formats displayed in e-Procurement web site.</p> <p>The Bidders shall upload the scanned copies of all the relevant certificates, documents, etc., in support of their eligibility criteria / technical bids and other certificates / documents in the e-Procurement web site.</p> <p>The Bidders shall sign on the statements, documents, certificates, uploaded by them, owning responsibility for their correctness/authenticity.</p> <p>The Bidders shall attach all the required documents for the specific tender after uploading the same during the bid submission as per the Tender Notice and Bid Document.</p> <p>1. Registration with e-Procurement platform: For registration and online bid submission, Bidders may contact HELP DESK of M/s. Vupadhi Techno Services Private Limited or https://tender.eprocurement.gov.in.</p> <p>2. Digital Certificate Authentication: The Bidders shall authenticate the bid with their Digital Certificates for submitting the bid electronically on e-Procurement platform and the bids not authenticated by digital certificate of the Bidders will not be accepted on the e-Procurement platform</p> <p>3. Submission of Hard Copies: After submission of bid online, the Bidders are requested to submit the originals of DD/BG towards EMD, bid processing fee to the Tender Inviting Authority before opening of the price bid and other</p>

	<p>uploaded documents at the time of concluding agreement. The Bidders shall invariably furnish the original DD/BG to the Tender Inviting Authority before opening of price bid either personally or through courier or by post and the receipt of the same within the stipulated time shall be the responsibility of Bidders.</p> <p>APPCB shall not take any responsibility for any delay or non-receipt. If any of the documents furnished by the Bidders are found to be false / fabricated / bogus, such Bidders are liable for blacklisting, forfeiture of the EMD, cancellation of work and criminal prosecution.</p> <p>The Bidders are requested to get a confirmed acknowledgement from the Tender Inviting Authority as a proof of submission of Hardcopies to avoid any discrepancy. The Bidders have to attach the required documents after uploading the same as required by Tender Inviting Authority in the tender conditions.</p> <p>4. Payment Of Transaction Fee: It is mandatory for all the participant Bidders from 1st January 2006 to electronically pay a Non-Refundable Transaction fee to M/s APTS, the service provider through "Payment Gateway Service on E-Procurement platform". The Electronic Payment Gateway accepts all Master and Visa Credit Cards issued by any Bank and Direct Debit Facility/Net Banking of ICICI Bank, HDFC, Axis Bank to facilitate the transaction. This is in compliance of G.O. Ms. 13 dated 07.05.2006. Service tax + Bank Charges on the transaction amount payable to APTS shall be applicable.</p> <p>5. Corpus Fund: As per GO Ms No. 4, User Departments shall collect 0.04% of ECV (estimated contract value) with a cap of Rs. 10,000 (Rupees Ten Thousand only) for all works with ECV upto Rs. 50 crores and Rs. 25,000/- (Rupees Twenty Five Thousand only) for works with ECV above Rs. 50 crores, from successful Bidders on e-Procurement platform before entering into agreement / issue of work orders, towards e-Procurement fund in favour of Managing Director, APTS. There shall not be any charge towards e-Procurement fund in case of works, goods and services with ECV less than and upto Rs. 10 lakhs</p> <p>6. Tender Document: The Bidders are requested to download the Tender Document and read all the terms and conditions mentioned in the Tender Document and seek clarification, if any, from the Tender Inviting Authority. Any offline bid submission clause in</p>
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		<p>the tender document could be neglected. The Bidders have to keep track of any changes by viewing the Addenda / Corrigenda issued by the Tender Inviting Authority from time-to-time, in the e-Procurement platform. The Department calling for Tenders shall not be responsible for any claims / problems arising out of this.</p> <p>7. Bid Submission Acknowledgement: The Bidders shall complete all the processes and steps required for Bid submission. The system will generate an acknowledgement with a unique bid submission number after completing all the prescribed steps and processes by the Bidders. Users may also note that the bids for which an acknowledgement is not generated by the e-Procurement system are treated as invalid or not saved in the system. Such invalid bids are not made available to the Tender Inviting Authority for processing the bids. The Andhra Pradesh Pollution Control Board and M/s. APTS are not responsible for incomplete bid submission by users.</p>
25.	General Terms & Conditions	As per Tender Document

HOW TO APPLY

- Click at www.e-Procurement.gov.in or <https://tender.e-Procurement.gov.in> to download e-Procurement notification
- Read the complete document carefully
- Technical & price Bid shall be submitted online only
- The system will generate an acknowledgement with a unique offer submission number on successful completion of the above process.

For any help or technical support on e-Procurement, Bidders may contact M/s. Vupadhi Techno Services Private Limited over phone or in person or their helpdesk at:

e-Procurement Help Desk

M/s. Vupadhi Techno Services Private Limited
Flat No.: 407, 4th Floor,
Sreeram's Sneha Avenue,
Near Aravinda School, Kunchanapalli,
Tadepalli (M), Guntur (Dist) - 522501.
Andhra Pradesh.
Phone: +91 8645-246370 / 71 / 72 / 73 / 74

Part – B

ANDHRA PRADESH POLLUTION CONTROL BOARD

D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari Street, Kasturibaipet, Vijayawada.

Tender Notice No. APPCB-11022/43/2019-TEC-CFO-APPCB 12/11/2019

TENDER NOTIFICATION

Bids are invited on behalf of Member Secretary, Andhra Pradesh Pollution Control Board from reputed Educational & Research Institutions for carrying out **Gap analysis study in Bio-medical Waste Management in the state of Andhra Pradesh** as shown below:

SCHEDULE OF WORK EARNEST MONEY Deposit (EMD)

S.No.	Description	EMD (Rs.)	Project period
1	Gap analysis study in Bio-medical waste management in the state of Andhra Pradesh	1,00,000	45 days

Note (*): EMD has to be paid by way of demand draft / Bank Guarantee in favour of the Member Secretary, APPCB, Vijayawada and shall be handed over to SEE, BMW section, Head Office, APPCB after submission the bid through e-Procurement platform.

The tender system is **TWO BID SYSTEM** i.e. both “**Technical bid**” and “**Commercial / Financial Bids**” both will be opened separately.

Tender schedule form and conditions of contract can be downloaded from **10:30 AM on 15.11.2019** from e-Procurement portal. Bidders have to send a Demand Draft for Rs. 1,000/- towards tender processing charges in favour of the Member Secretary, Andhra Pradesh Pollution Control Board, Vijayawada. The last date for submission of bid is **06.12.2019 at 05.00 PM.**

**VIVEK YADAV IAS
MEMBER SECRETARY
APPCB: VIJAYAWADA**

PART – C**TERMS AND CONDITIONS**

All Tender Document term & conditions attached with this invitation including the scope of work & objectives are **sacrosanct** for considering any offer as complete offer. It is therefore important that each page of the **TENDER DOCUMENT IS DULY COMPLETED AND SIGNED.**

1.	Tendering Authority	The Member Secretary, Andhra Pradesh Pollution Control Board, D.No.33-26-14D/2, Near Sunrise Hospital, Pushpa Hotel Centre, Chalamalavari Street, Kasturibaipet, Vijayawada.
2.	Objectives	<p>Prior to allow any new CBWTF, gap analysis is one of the steps may be followed in Criteria for development of a new Common Bio-medical Waste Treatment and Disposal Facility for a locality or region as the CPCB revised guidelines for Common Bio-medical Waste Treatment facilities (CBWTFs) issued on 21st December, 2016.</p> <p>Accordingly, this study has been initiated to promote and demonstrate more rational & proactive approach for bio-medical waste management Rules.</p> <p>The objective of the study are:</p> <ul style="list-style-type: none"> • To profile Bed strength in every Health Care Facility (HCF) (as defined in BMW Rules, 2016) in every district (as per CPCB revised guidelines in Annexure – I). • To profile Bio-medical waste generation by bedded, non- bedded (Clinics/ Dispensaries), Veterinary, AYUSH in every Health Care Facility (as defined in BMW Rules, 2016) in every district (as per CPCB revised guidelines in Annexure – I). • To prepare inventory for CBWTFs in the state in terms of coverage are (routes), GPS tracking of the vehicles, Bar coded non- chlorinated bags for collection of Bio-medical waste. • To profile the maintenance of records by the CBWTFs with respect to BMW collection along with transportation vehicle (as per CPCB revised guidelines in Annexure – II).
3.	Scope of work	Bidders are required to quote rates for carrying out Gap analysis study in the districts of Andhra Pradesh within 45 days from the issue of work order.

		<p>The successful Institution shall arrange all the required amenities for carrying out Gap analysis study in the districts of Andhra Pradesh within 45 days from the issue of work order.</p> <p>a) Inventorization of HCF:</p> <ul style="list-style-type: none"> • Coverage area of the bio-medical waste generation and also projected over a period of next ten years (as per CPCB revised guidelines in Annexure – I) for every district. • Development of detailed land-use map on a GIS platform and an updated (2 km x 2 km resolution) gridded GIS-based HCFs inventory with latitude/longitude, bed strength, BMW generation etc specific to every HCF should be prepared depicting for every district. <p>b) Inventorization of CBWTFs:</p> <ul style="list-style-type: none"> • GPS tracking of the vehicles facilitated by the CBWTF for collection of BMW from every HCF. (as per CPCB revised guidelines in Annexure – II) • Route map and coverage area by every vehicle for collection of BMW from every HCF. • Tracking of BMW from every HCF to CBWTF. (as per CPCB revised guidelines in Annexure – II) • Maintenance of records of BMW collection for every HCF (as per CPCB revised guidelines in Annexure – II) • Route map of every dedicated vehicle depicting on GIS land use map for every CBWTF.
<p>4.</p>	<p>Methodology</p>	<p>The successful bidder shall follow the methodology:</p> <ul style="list-style-type: none"> • Obtain the data of all HCFs from DM&HO, Animal Husbandry, AYUSH departments, CBWTFs, APPCB Regional Office with respect to every district. • Physical verification of every HCF with respect to Bed strength, BMW generation and mode of BMW disposal to CBWTF. • Route map of dedicated vehicles for BMW collection by every CBWTF. <p>Source of annexures, which is available at</p> <p>https://cpcb.nic.in/uploads/Projects/Bio-Medical-</p>

		Waste/Common_Bio_Medical_ Waste_treatment_facilities.pdf
5.	Period of study	45 days
6.	Payment Terms	<p>a. No advance payment will be given for start of the work.</p> <p>b. 30 % of the contract value will be released to the bidder after successful completion of preliminary report.</p> <p>c. Balance 70 % of the contract value will be released after acceptance of final report.</p>
7.	Institutes shall submit their technical & financial bids through Andhra Pradesh e-Procurement online platform only . Bids in any other form will not be accepted.	
8.	Institutes shall clearly indicate different taxes and duties, which they propose to levy. Offers with such stipulations like 'as applicable' will be treated as vague and are liable to be ignored.	
9.	Bidders should disclose the name and full address (along with telephone / Fax No.) of the technical teams involved in the study along with the qualifications.	
10.	Tendering authority reserves the right to increase or decrease the number of districts for extending these studies to other districts at a mutually agreed terms & conditions.	
11.	Tendering authority reserves the right to scrap the tender without assigning any reasons at any stage.	
12.	Tendering authority reserves the right to verify study reports available with the prospective bidders or their collaborators for conducting of Gap analysis and similar works.	
13.	<p>Technical evaluation: All the bids received are subjected to thorough evaluation by the Expert Committee representing Bio-medical Technical Committee. The bidders have to make a power point presentation before the expert committee and whose bids the committee recommends will only be considered for price comparison for final selection for awarding the work order.</p> <p>It is to be noted that 80% weightage will be given to Technical bid and 20% to</p>	

	the financial bid quotation.
14.	The price bid of eligible Firms will be opened and order would be considered on the lowest bidder (s) subject to their capacity and performance, etc. based on fulfillment of technical conditions and commercial conditions.
15.	Only reputed Institutions complying with the tender specifications, terms& conditions and qualifying criteria should respond.
16.	<p>The successful bidder shall submit security deposit amounting to 5 % of the quoted value towards performance guarantee in the form of D.D. drawn in favour of Member Secretary, Andhra Pradesh Pollution Control Board within seven (7) days from the date of receipt of the Work Order. This security deposit will be refunded, without interest, immediately after the start of the work.</p> <p>If the successful bidder fails to take up the works, action will be taken against.</p> <p>If the successful bidder fails to take up the said work as per the Work Order awarded, APPCB will entrust the same from second lowest. The difference in the cost or the entire cost such work shall be recovered from the 1st successful bidder.</p>
17.	<p>SECURITY DEPOSIT AND PERFORMANCE GUARANTEE SECURITY:</p> <p>The successful bidder will be required to furnish a Security Deposit of 5 % of the total contract value in the form of Demand Draft or Bank Guarantee in favour of Member Secretary, APPCB towards Performance Guarantee.</p> <p>The Security Deposit shall continue to be with the consignee as performance guarantee till the completion of the work.</p> <p>The Performance Guarantee is against violation of any of the terms & conditions of the tender document.</p> <p>The successful bidder will have to enter into a “pre-contract Agreement integrity pact” with the Member Secretary, Andhra Pradesh Pollution Control Board, Vijayawada for the performance of the contract on Rs.100/- stamped paper of Andhra Pradesh or Government of India, the cost of which has to be borne by the supplier. The agreement bond should be submitted within 4 days from the date of receipt of intimation letter from this office.</p>
18.	<p>Eligibility Criteria :</p> <p>Qualifying criteria:</p> <p>i. Only registered, bonafide & reputed Educational, Laboratories, Organizations, Institutions or Research Institutes having experience in conducting the gap analysis & similar works in the at least five (5) years need only apply. The bidder shall submit the documentary evidences like, Work Orders, Performance Certificates, etc. along with the bid.</p> <p>ii. The bidding Institute shall have the personnel on regular basis / SRFs /</p>

JRFs with the following expertise:			
S. No.	Staff deployed for the study	Qualification & field of experience	Numbers
1.	Team Head	Minimum Doctorate in Science or M. Tech. in relevant subjects with at least 15 years experience in Environmental Engineering.	1
2.	Doctor	P.G. in General Medicine or relevant subjects with at least 15 years experience	1
3.	Environmental engineer	Minimum Masters Degree in Science or BE / B.Tech. in relevant subjects with 5 years of experience in Environmental Engineering.	1
4.	Field monitoring staff	Minimum Intermediate in Science discipline with at least 2 years experience in air quality monitoring and handling of air samplers	In sufficient numbers
The bidding Institute shall submit the list of staff, names, qualifications, experience, etc. and documentary proofs while submitting the bid.			
<ul style="list-style-type: none"> i. Details of facilities available with the Institute to carry out the study shall be provided along with the bid. Shall be made available to the tendering authority for verification / inspection. ii. Certified copies of G.S.T., Excise Registration No, PAN No. iii. Details of the organisations or laboratories in case the proposed study is carried out in collaboration / partnership with others. Letter of authorizations / agreements / MoU / acceptance from the concerned shall be produced by the bidder. iv. Ink-signed documents / certificates of bidders / their collaborators / partners on letter head of the bidder must be enclosed. Otherwise, the bids will be rejected. 			
19.	<p>SUBMISSION OF BID</p> <p>The bid prepared by the bidder and all correspondence and documents relating to the bid exchanged by the bidder, shall be written in English language, provided that any printed literature furnished by the Bidder may be written in another language so long as accompanied by English translation of its pertinent passages in such case, for the purpose of interpretation of the bid, English translation shall govern.</p>		
20.	<p>The Bidders are requested to quote item-wise price and GST and total and then grand total for entire work. The bidders are expected to examine the tender documents carefully and are deemed to have received and read all documents. It shall be the responsibility of the bidder to request the copies of any missing documents. Failure to do so will be at bidder's risk.</p>		
21.	<p>It may be noted that mere quoting lowest rates will not entitle any firm to get the order. The quality of the work being offered, the past performance in executing the works, reputation of the organisation, expertise, availability of facilities, etc. will also be taken in to consideration. Prior to award of work order by the APPCB can call any details, explanation, regarding technical & financial aspect.</p>		

22.	IMPORTANT BIDDER SHOULD QUOTE FOR ENTIRE STUDY OF “Gap analysis study in Bio-medical Waste Management in the state of Andhra Pradesh” FOLLOWING THE methodology in CPCB format.
23.	The rates should be quoted both in words and figures.
24.	Arithmetical error will be rectified on the following basis: If there is discrepancy between the unit price and total price that is obtained by the multiplying the Unit Price and quantity, the unit price shall prevail and the total price shall be corrected. If there is discrepancy between words and figures, the amount mentioned in words will prevail.
25.	Un-conditional bids will be rejected without assigning any reason.
26.	To assist in the examination, evaluation and comparison of bids, the buyer may, at its discretion, ask the Bidder for a clarification of its bid. However, no change in the price or substance of the bid shall be sought, offered, re-permitted.
27.	Eventual suggestions for modification or subsidiary Tenders are principally not admissible.
28.	The scope of work and terms & conditions are clearly mentioned in the document and the Bidders are requested to submit bid, only if their offer strictly comply with these specifications. Please note that no deviation in the required specification will be permitted. The bidding for the study having different specification will be on Bidder's risk as the Board will not entertain such Bids. BIDS CARRYING THE STATEMENT LIKE "SPECIFICATION AS PER TENDER DOCUMENT" SHALL NOT BE ENTERTAINED. THE PROPOSED STUDY SPECIFICATIONS SUPPORTED BY TECHNICAL LITERATURE AND LIST OF USERS MUST BE ENCLOSED.
29.	The placement of work order will be in accordance with the technical evaluation of the bid and after consideration of its price worthiness.
30.	The prices quoted against the tender are to be bound by the bidder, irrespective of rise in Materials prices and increase in taxes, etc., till completion of the study. No request in regard to increase in the prices will be entertained after the submission of the bid.
31.	With the submission of the bid, the Bidder accepts the conditions of the Tender.
32.	Transportation of required equipment / instruments for carrying out monitoring, safety during monitoring & storage, rents for buildings, electricity charges, installation expenses, etc. incurred shall be borne by the bidder. Under no circumstances APPCB will be providing any kind of assistance or help to the successful bidder in supplying of any kind of services or in any other form.
33.	Bidder may quote the rates for entire work of conducting Gap analysis study in Bio-medical Waste management

	in the state of Andhra Pradesh.	
34.	The work for which, tender is invited will have to be bound by the timelines as specified from the date of issue of Work Order. In the case of non-observance of the timelines, the order is liable for cancellation.	
35.	At any time prior to the deadline for submission of bids the buyer may for any reason whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by an amendment.	
36.	The Amendment, if any, the corrigendum will be uploaded in the e-Procurement platform and brought to the notice by mail & by phone to the concerned Bidders who have purchased the bidding documents and will be binding on them.	
37.	The Bidder shall quote the price preferably in Indian Rupees item-wise i.e., basic price, taxes, etc. The charges must be quoted clearly and not in vague terms like "As Actual" "Approx" etc.	
38.	<p>PRICES TO BE QUOTED IN ONLINE ONLY</p> <p>a. The rates quoted in the bid are final and no negotiations will be held at any level in future.</p> <p>b. The decision of the Member Secretary, Andhra Pradesh Pollution Control Board, Vijayawada shall be final as regards the acceptability of tendered items to be executed by the Bidders and shall not be required to give any reason in writing or otherwise at any time for rejection of the Bidders or articles.</p> <p>c. Technical & Financial bids will be opened separately. Technical evaluation of the bids will be carried out by the expert committee during the power point presentation. The bids those recommended by the committee will only be considered for price comparison for awarding the work order. The financial bids of technically not qualified agencies will not be opened.</p> <p>d. The acceptance of the tender will be intimated to the successful bidder only.</p>	
39.	Following is the tender schedule:	
	1	Opening date & time of downloading of tender document : 15.11.2019,10:30 A.M
	2	Pre-bid meeting : 20.11.2019, 11:00 A.M
	3	Last date for submission through e-Procurement : 06.12.2019, 05:00 P.M
	4	Technical specifications opening date & time : 09.12.2019, 11:00 A.M
	5	Opening date & time of financial bids of technically qualified bidders : 12.12.2019, 11:00 A.M.

	<p>VIVEK YADAV IAS MEMBER SECRETARY APPCB: VIJAYAWADA</p>
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Signature valid

Digitally signed by VIVEK
YADAV
Date: 2019.11.12 15:18:11 IST
Reason: Approved

