



GOVERNMENT OF ODISHA
OFFICE OF THE ENGINEER-IN-CHIEF, PUBLIC HEALTH
ODISHA, BHUBANESWAR
cephodisha@gmail.com

Invitation For Bids (IFB)

Bid Identification No. CEPH-10/ 2014-15 Dtd.21.07.2014

Sl No	Name of Work	Package No.	Estimated Cost (In Rs.)	Cost of Bid Document (Including VAT)	Period of Completion	Availability of Bid Document in PHEO website	
						From	To
1.	IGEA for water pumping system and lighting arrangement of WTP (55 MLD, 3 MGD & 1 MGD) and Raw water Pump House of WTPs Rourkela.	I	Rs 2,76,000/-	Rs 2100/-	45 Days	11.00 Hrs. of 30.07.2014	17.00 Hrs. of 08.08.2014
2.	IGEA for water pumping system and lighting arrangement of (A) WTP (20 MLD & 4.54 MLD) and Raw water Pump House of WTPs at Dakhinapur, Berhampur (B) Raw water Pump house at Paralakhemundi.	II	Rs.51,000/-	Rs.630/-	45 Days	11.00 Hrs. of 30.07.2014	17.00 Hrs. of 08.08.2014
3.	IGEA for water pumping system and lighting arrangement of WTP (6 MLD) & Raw water Pump House at Titilagarh	III	Rs 38,656/-	Rs420/-	45 Days	11.00 Hrs. of 30.07.2014	17.00 Hrs. of 08.08.2014
4.	IGEA for water pumping system and lighting arrangement of WTP and Raw Water Pump House at Sunabeda, Raw water Pump House in River Geda at Rayagada, and 32 MLD WTP and Raw Water Pump House at Jeypore.	IV	Rs 2,12,700/-	Rs2100/-	45 Days	11.00 Hrs. of 30.07.2014	17.00 Hrs. of 08.08.2014
5.	IGEA for water pumping system and lighting arrangement of WTP (40 MLD) at Bareipali and 11.2 MLD at Modipara including raw water pump house at Balibundha.	V	Rs 2,43,300/-	Rs2100/-	45 Days	11.00 Hrs. of 30.07.2014	17.00 Hrs. of 08.08.2014

Name & Address of Officer Inviting Bid: Chief Engineer, PH (Urban), Heads of Department Building,
1st Floor, Unit-V, Bhubaneswar

Further details can be seen from the PHEO web portal <https://www.pheoodisha.gov.in>

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. MC-II-G-300/2014 (PB) 655 Dt. 21.07.2014

Copy forwarded to the Deputy Director (Advt.) and Deputy Secretary to Govt., Information & Public Relation Deptt., Odisha, Bhubaneswar for information with a request to arrange immediate publications of the **Invitation For Bids (IFB)** in 1 **(One) English National News Paper** in addition to **One leading Odia Daily**. It is requested to ensure the publication of above tender call notice in the aforesaid newspapers on or before **30.07.2014**. Copy of the papers wherein the advertisement is published may please be sent to this office for necessary action.

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. (PB) 656 Dt. 21.07.2014

Copy submitted to the Commissioner-cum-Secretary to Government, Housing & Urban Development Department, Odisha, Bhubaneswar for favour of kind information.

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. (PB) 657 Dt. 21.07.2014

Copy with Soft Copy of the Invitation For Bids (IFB) forwarded to the Head, State Portal Group, I.T. Center of State Secretariat for display in the Government Web Site.

Encl : As above

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. (PB) 658 Dt. 21.07.2014

Copy forwarded to Engineer-in-Chief, Civil/ Water Resources / Rural Works / Chief Engineer, RWS&S-I,II&III / Member Secretary cum E-I-C, OWS&SB, BBSR / Chief Engineer, JICA / Chief Engineer, Buildings / Roads / Minor Irrigation / Managing Director, Odisha Lift Irrigation Corporation, Bhubaneswar for information with request to display the Invitation For Bids (IFB) in their Notice Boards.

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. (PB) 659 Dt. 21.07.2014

Copy forwarded to the Collector & District Magistrate, Sundargarh, Collector & District Magistrate, Ganjam, Chatrapur, Collector & District Magistrate, Bolangir, Collector & District Magistrate, Koraput and Collector & District Magistrate, Sambalpur for information with request to display the Invitation For Bids (IFB) in his Notice Board.

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. (PB) 660 Dt. 21.07.2014

Copy forwarded to all Superintending Engineers, PH Circles/ all Executive Engineers, PH Divisions for information with a request to display the Invitation for Bids in their Office Notice Board.

Sd/-
CHIEF ENGINEER, PH (URBAN)

Memo No. (PB) 661 Dt. 21.07.2014

Copy to Notice Board of this Office for display.

Sd/-
CHIEF ENGINEER, PH (URBAN)



GOVERNMENT OF ODISHA

HOUSING & URBAN DEVELOPMENT DEPARTMENT

PUBLIC HEALTH ENGINEERING ORGANISATION

OFFICE OF THE ENGINEER-IN-CHIEF, PUBLIC HEALTH

ODISHA, BHUBANESWAR

FAX NO-0674-2396935

e-mail: cephodisha@gmail.com

**REQUEST FOR PROPOSAL (RFP)
TO CARRYOUT INVESTMENT GRADE ENERGY AUDIT
FOR
“DIFFERENT PUMPING SYSTEMS UNDER PHEO”**



GOVERNMENT OF ODISHA

HOUSING & URBAN DEVELOPMENT DEPARTMENT

PUBLIC HEALTH ENGINEERING ORGANISATION

OFFICE OF THE ENGINEER-IN-CHIEF, PUBLIC HEALTH ODISHA, BHUBANESWAR

FAX NO-0674-2396935

e-mail: cephodisha@gmail.com

IMPORTANT

All the Accredited Energy Auditor Firms/Companies empanelled in the field of investment grade energy audit (IGEA) by Bureau of Energy Efficiency, Ministry of power, Government of India are eligible to participate in the bidding. The interested empanelled bidders are requested to participate in the bidding process for undertaking investment grade energy audit of water pumping systems for preparation of detailed project report (DPR) for the work mentioned below as per the terms, conditions, specification and guidance of the State Designated Agency (SDA), Odisha. The financial proposal (the Bid) for the project in accordance with the RFP can be submitted for all or individual packages. The recommendation of the IGEA is proposed to be implemented subsequently in these water pumping systems to realize the energy saving potential and for improved energy performance. The RFP documents are available at item **Tenders** in the PHEO website www.cephodisha.gov.in which may be downloaded to submit the financial proposal with all required document, EMD along with a Demand Draft drawn on any scheduled bank towards cost of bid document (non refundable) in favour of concerned *Executive Engineer, PH Division, payable at respective Divisional Head quarters.*

Please note that the undersigned reserves the right to accept or reject all or any of the bids without assigning any reason whatsoever

Before submitting the bid, bidders are required to examine the **specification** thoroughly. Attention of the bidders is specifically drawn to **Terms and conditions of RFP documents** and if not complied will lead to rejection of the bid.

Bid with validity less than **hundred Twenty days (120)** and not accompanied with **bid cost** and EMD will be rejected.

Chief Engineer,
Public Health (U) Odisha, Bhubaneswar.

SCHEDULE DATES:

Availability of RFP Document in the web site	Date 30.07.2014 to 08.08.2014 up to 5PM
Last date for Receipt of the Bid	08.08.2014 up to 5PM
Opening of the Bid	11.08.2014 AT 11 AM

Details of work:

Sl.No	Name of PH Division	Package	Description of work	Cost of Bid document (including VAT)
1.	Executive Engineer P.H.Division Rourkella H.Q.Rourkella	I	IGEA for water pumping system and lighting arrangement of WTP (55 MLD, 3 MGD & 1 MGD) and Raw water Pump House of WTPs Rourkella.	Rs.2100/-
2.	Executive Engineer P.H.Division Berhampur H.Q.Berhampur	II	IGEA for water pumping system and lighting arrangement of (A) WTP (20 MLD & 4.54 MLD) and Raw water Pump House of WTPs at Dakhinapur, Berhampur (B) Raw water Pump house at Paralakhemundi.	Rs.630/-
3.	Executive Engineer P.H.Division Balangir H.Q.Balangir	III	IGEA for water pumping system and lighting arrangement of WTP (6 MLD) and Raw water Pump House at Titilagarh	Rs.420/-
4.	Executive Engineer P.H.Division Koraput H.Q.Koraput	IV	IGEA for water pumping system and lighting arrangement of WTP and Raw Water Pump House at Sunabeda, Raw water Pump House in River Geda at Rayagada, and 32 MLD WTP and Raw Water Pump House at Jeypore.	Rs.2100/-
5.	Executive Engineer P.H.Division Sambalpur H.Q.Sambalpur	V	IGEA for water pumping system and lighting arrangement of WTP (40 MLD) at Bareipali and 11.2 MLD at Modipara including raw water pump house at Balibundha.	Rs. 2100/-

In the event of any specified date for submission or opening of bids being declared a holiday, the bids will be received or opened up to the appointed times on the next working day.

In case, any deviation is found in the bid document submitted by bidder from the content mentioned in Govt. of Odisha web site and/or non-submission of the cost of bid documents, the bid shall be liable to be rejected at any stage of the contract. The bidder has to indemnify Chief Engineer PH (Urban) for any loss accruing due to such alteration in the terms and conditions of the tender document and/or for such alternation, resulting, in the cancellation of the contract.

Chief Engineer, P.H, (Urban) Odisha, Bhubaneswar will open the bid in his office at **11 A.M on 11.08.2014** in the presence of the bidders or their authorized representatives who wishes to attend. They would be required to sign in bid opening register as evidence of their attendance. The authorized representatives should bring their authorization letter while attending opening of bid.

All communications needs to be sent in the following address.

Chief Engineer, Public Health,O/O EIC(PH),
Heads of Deptt. Building, 1st Floor,
Unit-V, Bhubaneswar-751001.
Odisha, FAX-(0674)2396935, Phone: 2391825
e-mail : cephodisha@gmail.com

Entire information including the price bid should be type written and in the prescribed format

CHIEF ENGINEER, PH (U),ODISHA , Odisha, Bhubaneswar reserves the right to accept or reject any or all tenders without assigning any reason thereof, if the situation so warrants. CHIEF ENGINEER, PH (U),ODISHA shall not be responsible for any postal delay or loss at any stage.

Note:

1. RFP documents are not transferable.
2. SDA implies the Engineer-in-Chief Electricity ócum- Principal Chief Electrical Inspector and State Designated Agency, Govt. of Odisha, Power House Square, Bhubaneswar-751001.
3. Throughout the bid CE,PH (U) implies the Chief Engineer, PH (U),Odisha Heads of Department Building, 1st Floor, Unit-V, Pin: 751001, Odisha, Bhubaneswar.
4. Throughout the bid BEE implies the Bureau of Energy Efficiency, Ministry of Power, Government of India.

BID SCHEDULE

Submission of Offer

The offers are required to be submitted in sealed cover containing particulars of bid specifically with reference to their registration with BEE, Ministry of Power, Government of India, eligibility criteria of the bid along with a Concept Note and detail plan comprising of the proposed methodology. **Price Bid** containing only quoted price in the prescribed format (*annexure-II*).

Bids should be submitted **in person** or by **Registered/Speed post in the office of the EIC, PH, Odisha, Bhubaneswar during working hour upto 5.00 PM of 08.08.2014**. **Fax or telegraphic tender** will not be accepted. **Conditional Bid** will not be accepted. Office of Engineer-in-Chief, PH,

Odisha takes no responsibility for any **loss / delay / non-receipt of, application / bids send by post or by any other arrangement.**

Bidders are required to submit EMD amount @ 1% of the estimated value (refundable) in shape of NSC, Bank Fixed Deposits, Post office Time Deposit duly pledged in favour of concerned Executive Engineers as indicated in the details of works along with the bid. Offers without the EMD and cost of bid document will be out rightly rejected.

Any deviation from above in submission of bids will entail the same being rejected at CHIEF ENGINEER, PH (U), ODISHA ø option.

Organizations may take up preliminary investigations of the sites to assess the extent of work, proposed activities, time of completion and other information requirement.

CHIEF ENGINEER, PH (U), ODISHA reserves the right to cancel or reject any or all bids without any assigning reason thereof. The decision of the CHIEF ENGINEER, PH (U), ODISHA in this respect shall be final and binding.

MINIMUM QUALIFICATION REQUIREMENTS.

General Requirements:

1. Offers are acceptable from the Accredited Energy Auditor Firms/Companies empanelled in the field of investment grade energy audit by Bureau of Energy Efficiency, Ministry of power, Government of India only with
 - a. Valid PAN/TAN/TIN as applicable.
 - b. Valid Sales Tax/VAT/Service Tax as applicable.

Experience Requirements:

2. Should have prior experience in conducting IGEA of water pumping systems in Government, Municipality, PSU sectors or reputed private sectors and supporting documents needs to be submitted with details of clients and abstract of the audit to the CHIEF ENGINEER, PH (U), ODISHA for evaluation.
3. Should have adequate qualified energy managers or auditors for undertaking the activities.
4. The Organization should be in a position to ensure trained and qualified manpower availability required for successful completion of the works and meet all statutory compliances for manpower deployment and service support as necessary.
5. The Organization must agree to make presentation of their technical capability to CHIEF ENGINEER, PH (U), ODISHA at their own cost at CHIEF ENGINEER, PH (U), ODISHA office if required.
6. The list of installations audited for IGEA must be furnished with the offer.
7. List of equipments proposed to be used for the IGEA should be enclosed with the offer.

In certain cases, protocol & security clearance will be required before access is granted. Therefore name of officers to be involved in IGEA duly signed & attested by the head of office along with passport size photographs shall be forwarded to the concerned Executive Engineer, PH Divisions to make necessary arrangements.

The offers must be in English, without any corrections, complete with enclosures and the bid amount mentioned in Indian Rupees and in words.

The Organization should furnish the information as specified in the ANNEXURE-I and enclose supporting documents wherever necessary for enabling CHIEF ENGINEER, PH (U),ODISHA to assess the capability of the Agency. Incomplete bid will be liable for rejection.

Any deviations to the clauses of the bid specifications must be clearly and separately indicated otherwise it shall be presumed that the offer is in line with the requirements of bid.

Bidders are advised to study the existing installations and requirement for IGEA at the water pumping systems and the tender document carefully. Submission of bid shall be deemed to have been done after careful study and examination of the water pumping systems and the CHIEF ENGINEER, PH (U),ODISHA requirements.

Bid requirements

1. Only clearly typed and signed bid documents shall be accepted and over writing shall be avoided.
2. Erasures and other changes shall bear the dated initial of the person signing the bid.
3. In the event of discrepancy or arithmetical error in the schedule of price, the decision of the bid deciding authority shall be final and binding on the bidder.
4. For evaluation, the price mentioned in words shall be taken if there is any difference in figures and words in the price bid.
5. Notice inviting bid shall form part of this specification.
6. The agency with the price of L1, L2 & L3 are also to be taken into consideration for selection. The agency meeting the criteria as specified in the RFP with the lowest price shall be selected for award of the contract.
7. The bid must be signed only by a person authorized by the Organization and in each page of the bid paper in acknowledgement of having gone through the entire Bid Specification and in agreement thereof. Bid papers, not signed on each page with official seal by the bidder(s), shall not be considered.
8. Negotiations will be held if required with the lowest valid bidder. In the event of the L-1 bidder has furnished any condition which grossly affects the bid value / contains such conditions which make the value of the offer indefinite, he may be given an opportunity to withdraw such condition(s) to make the bid definite. Failure to withdraw such condition(s) may lead to rejection of the bid as in consistent / non responsive. In such case the employer may explore the possibility of considering the next valid bid as L₁

DETAILS TO BE SUBMITTED BY THE BIDDER.

- **Cost of Bid Document**

- Check List and documents as in **ANNEXURE–I** duly signed and in typed format.
- **Proposed methodology of support and detail plan with timelines for completing the preliminary investigation, preparation of draft DPR, presentation on DPR to the stake holders, finalization of DPR, and submission of technical specifications etc.**
- Duly signed bid documents as acceptance to CHIEF ENGINEER, PH (U),ODISHA terms and conditions.
- EMD of required amount (in a separate sealed envelope)

- **Price Bid: (SEALED)**

- Price bid in **ANNEXURE-II** duly signed and typed and separately sealed

VALIDITY: The bid should be valid for a period of **120 days** from the date of opening of bid, or else the bid will be rejected.

CHIEF ENGINEER,PH, (U)ODISHA

SCOPE OF WORK, TERMS AND CONDITIONS

OBJECTIVE OF THE INVESTMENT GRADE ENERGY AUDIT

The broad objective of investment grade energy audit is to review the present energy consumption scenario, monitoring and analysis of the use of energy and explore the energy conservation options in various load centres of the pumping systems including submission of a detailed project report containing recommendations for improving energy efficiency with cost benefit analysis and technical specifications for any retrofit options with the list of suppliers/ manufacturer of energy efficient technology.

SCOPE OF WORK:

The scope of the work includes a detail study for energy conservation options and recommends actions for reducing the same

1. Conduct the investment grade energy audit of the water pumping systems comprising of motors, pumps, piping and control systems, power supply system etc. so as to document the exiting performance and suggest relevant measures for improving the energy efficiency of the system.
2. Review of present maintenance practice, replacement of policies and safety practice as applicable and recommend for improvement
3. Cost óBenefit Analysis of each energy conservation (ENCON) options indicating simple payback period ,return on investment(ROI),internal rate of return(IRR)
4. A detailed project report (DPR) needs to be submitted indicating the energy saving opportunities, investment requirements, payback period etc. with detailed specification of proposed equipments, data sheets of measurements, observations etc.
5. Conduct field visits, which include relevant data collection at site, discussion with and local Public Health Divisions, Distribution companies and other State Government Agencies/ Departments and State Designated Agency as necessary.
6. Organize discussion on the IGEA and energy efficiency with Public Health Engineering authorities, who are the owners of the project and are responsible for operation and maintenance of the water pumping systems and with all other relevant stakeholders.
7. Organize a one day workshop and training program at the water pumping system sites during the course of study for disseminating Energy Efficiency, IGEA and its implementation needs.
8. Identification of water pumping circuits and major sets of pumps in operation for conducting IGEA and suggesting the best suited pump & motor applicable for a particular operation.
9. Exploring all measures for achieving the desired reduction in energy usage like replacement with more energy efficient pumps, trimming of the impeller, proper distribution of the load of the pump etc.
10. It is proposed that check meters will be installed on site for documentary base line energy usage and to verify the energy savings achieved during implementation of the project. The cost of installation of such meters should be included in the DPR while estimating the project cost.
11. Cost-benefit analysis showing the simple pay-back period, Return on Investment (RoI), Net Present Value (NPV) and Internal Rate of Return (IRR) (Cost factor would include the retrofit, installation, operation & maintenance costs)

12. Providing a list of energy efficient pumps and other equipment manufacturers / suppliers preferably with local service support network.
13. Provision of visits to the site during the course of preparation of IGEA and Detail Project Report should be included in the price bids. The cost of visits needs to be included in the offer.
14. Preparation of a model bidding document for implementing the project.
15. Submission of Detail Project Report should be done within 45 days of issuing the work order.
16. The study may encompass the offices, laboratories, etc, excluding residential quarters. However walk through audit of few residential quarters may be taken up for awareness purposes

The broad scope of the study

- a) Review of present electricity & estimation of energy consumption in various load centers like lighting, water pumping etc.**
- b) Electrical Distribution System**
 - a. Review of present electrical distribution like Single Line Diagram(SLD), transformer loading, cable loading, normal and emergency loads, electricity distribution in various area
 - b. Study of Reactive Power Management and option for power factor improvement
 - c. Study of power quality issues like Harmonics, current unbalance, voltage unbalance etc.
 - d. Exploring Energy Conservation (ENCON) option in electrical distribution system
- c) Lighting System**
 - a) Review of present lighting system, lighting inventories etc.
 - b) Estimation of lighting load at various locations like different floors, outdoor light, pump house and other important locations
 - c) Detail lux level survey at various locations and comparison with acceptable standards
 - d) Study of present lighting control system and recommend for improvement
 - e) Analysis of lighting performance indices like Lux/M² ,Lux/Watt, Lux/Watt/M² and comparison with norms
 - f) Exploring Energy Conservation (ENCON)option in lighting system
 - g) Under no circumstances the comfort level should be compromised in the recommended system
- d) Water Pumping System**
 - a) Review of water pumping, storage and distribution systems
 - b) Performance assessment of all major water pumps i.e. power consumption vs. Flow delivered, estimation of pump efficiency etc.
 - c) Exploring the Energy Conservation(ENCON) options in water pumping system
- e) Motor survey**
 - a) Conducting motor load survey af all drives to estimate the percentage(%) loading
 - b) Exploring the ENCON options in electric drive system
- f) Energy Monitoring & Accounting System**

- a) Detail review of present energy monitoring & Accounting system in terms of metering, record keeping, data logging, periodic performance analysis etc.
- b) Recommend for effective energy monitoring & Accounting system

The DPR should contain the following information

- a) Methodology adopted for the study
- b) Present energy scenario
- c) Energy information and EPI and post implementation of energy efficiency interventions
- d) Detail analysis of the data obtained through field visits, trail measurements, discussion with concerned personnel etc.
- e) Recommendations for energy saving options in all possible areas with cost benefit analysis
- f) Technical specifications for any retrofit/replacement or other options
- g) List of suppliers /manufacturers of energy efficient technologies
- h) Preparation of model bidding document for implementing the project

Time period for completion of the works:

All the works assigned shall be completed within **45** days of placement of formal order. A detail pert chart indicating the timeline of proposed activities needs to be submitted to EE(PH) oncerned.

Basis of selection:

The Agency offering the lowest price as per scope of work for a pumping system of any package shall be awarded with the work of that pumping system.

Period Of Validity:

Bids shall be valid for a period of **120 (Hundred Twenty) days** from the date of opening of the bid. C.E, PH shall reject a tender valid for a shorter period as non responsive. In exceptional circumstances, the CE,PH may solicit the Biderø's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing.

Right regarding alteration of works tendered:

The C.E PH may drop/delete items/packages at the time of placing orders. The CE PH may place orders initially for less number of items/packages with full freedom to place extension orders for further items/packages/quantity under similar terms and conditions of the original orders. Orders may also be split among more than one Tenderer if considered necessary in the interest of the Purchaser.

Earnest money deposit

- I. Bidders are required to submit EMD amount @ 1% of the estimated value (refundable) in shape of NSC,Bank Fixed Deposits,Post office Time Deposit duly pledged in favour of concerned Executive Engineers as indicated in the details of works along with the bid. Offers without the EMD and cost of bid document will be out rightly rejected
- II. No interest shall be paid on the Earnest Money Deposit. No adjustment towards EMD shall be permitted against any outstanding amount with the E E concerned..

- III. In the case of un-successful bidder, the EMD will be refunded within 30 days after the bid is decided. In the case of successful bidder, this will be refunded only after successful completion of the work.
- IV. EMD will be forfeited if the bidder fails to accept the letter of intent and/or purchase order issued in his favour or to execute the order, placed on them.

Payment terms:

- I. 50% of the order value of a pumping system shall be released against preparation and acceptance of Draft DPR and submission of soft and printed copies. The Draft DPR needs to be presented before appropriate authorities for feedback and suggestions. The feedback and suggestions thus received needs to be documented and complied as necessary for preparation of the final DPR.
- II. 50% balance payment shall be released after organizing a stakeholders meeting, workshop, submission and acceptance of final DPR.
- III. Statutory deductions shall be made from the bill as per prevailing Govt. Rules.
- IV. Any other payment terms of the bidder may be considered by the CHIEF ENGINEER, PH (U), ODISHA on written request. However the decision of the CHIEF ENGINEER, PH (U), ODISHA regarding the payment terms shall be final and binding.

Performance Guarantee:

- I. An amount of 10% [ten percent] of the total cost of the work orders shall be furnished by the the Agency as Performance Guarantee.
- II. In case of in-ability of the agency to complete the work to the satisfaction of the authority within the prescribed timeframe, the performance guarantee will be forfeited.
- III. The detail programme needs to be furnished within 15 days of placement of work order by CHIEF ENGINEER, PH (U), ODISHA , failing which the work order will be cancelled and the EMD will be forfeited
- IV. No interest is payable on the performance Guarantee.
- V. The Performance Guarantee will be discharged by the concerned EE(PH) after successful completion of the obligations by the Agency.

Penalty for Delay in Completion of Contract

Delay in performance of services shall attract penalty for the Agency. If the Agency fails to complete the assigned works within the delivery schedule, specified in the contract, the EE(PH) shall recover from the bidder, penalty for a sum of half percent (0.5 percent) of the offered price of the work for each calendar week of delay or part thereof. For this purpose, the date of successful completion shall be reckoned as the date of delivery. The total amount of penalty shall not exceed five percent (5%) of the offer price of the individual work.

Termination For Default

The Executive Engineer (PH) may, without prejudice to any other remedy for breach of contract, by written notice of default, sent to the Agency, terminate this contract in whole or in part.

- (a) If the Agency fails to render services within the time period(s) specified in the Contract or any extension thereof granted by the Executive Engineer (PH).
- (b) If the Agency fails to perform any other obligation(s) under Contract
and
- (c) If the Agency, in either of the above circumstances, (s) does not remedy its failure within a period of 7 days (or such longer period as Executive Engineer, (PH) may authorize in writing) after receipt of the default notice from Executive Engineer, (PH).

DEVIATION FROM SPECIFICATION

The bidders are requested to study the specification thoroughly before tendering so that if they make any deviations, the same are prominently brought on a separate sheet under the headings "Deviations". All such deviations to the technical and commercial terms of the specification shall be indicated in a separate list as indicated above. In absence of such deviation schedule, it will be presumed that the bidder has accepted all the conditions stipulated in the tender specification, notwithstanding any deviations mentioned elsewhere in the Bid. However the acceptance of deviation is not binding on Executive Engineer (PH).

EMPLOYMENT LIABILITY:

The EE(PH). will have no liability whatsoever concerning the employees of the Agency. The Agency shall indemnify EE(PH) against all loss or damage arising out of or in the course of his employing persons or out of his relations with his employees. The Agency shall be directly responsible for any disputes arising between him and his employees and keep the Executive Engineer, (PH) indemnified against losses, damage or claims arising thereof including any workmen's compensation.

Force Majeure:

If by any reason of war, riots, commotion, civil disturbances, statutory constraint, earthquake, acts of the State or acts of God, the performance of the contract becomes impossible which fact will be decided by the EE(PH)., the contractual obligations of the parties hereunder will stand terminated forthwith.

Confidentiality, I.P.Rights & Legal matters:

The agency selected for the work will at all times hold in strict confidence all information obtained from EE(PH). and will not disclose such information to others or use such information except in connection with the performance of the services detailed in the tender document to be executed. All intellectual property rights generated during the process of execution of this project will lie with Executive Engineer, (PH) & shall not be used by the implementing Agency without getting the prior written permission of Executive Engineer (PH).

Jurisdiction:

For all disputes or differences arising out of this contract, the appropriate Court at **Bhubaneswar** shall have jurisdiction over such disputes or differences.

Requirement of additional support work:

The additional service support required for works must be clearly specified giving details. EE(PH) reserves the right to expand the scope of the work in future which is incidental to the primary work at no further and additional cost.

Sl.No.	Additional service support	Details of the support.
1.		
2.		
3.		

Important Dates:

Last date for availability of RFP Document in	
The web site: http://www.pheoodisha.gov.in	08.08.2014, 5:00 PM
Last date for submission of Bid:	08.08.2014, 5:00 PM
Opening of bid:	11.08.2014, 11:00 AM

ANNEXURE-I
Qualifying requirement Check List

Name of the Organization:

Contact Person:

Official email address:

Official FAX address:

	Qualification Requirement as per relevant clauses.	Complied (Yes or No)	Documents and page reference
	Registered Organization:		
	Valid PAN/TAN/TIN No.		
	VAT/ Service Tax details		
	EMD of requisite amount		
	Details of Energy Managers and Energy Auditors (Indicate EA/EM registration No)		
	Details of Water Pumping Systems audited		
	Value of such projects		
	Customers site references		
	Customers in Odisha		
	Concept Note comprising of the proposed methodology for execution of the works		
	Detail plan for completion of the work within the timeframe		
	Duly signed bid document		

Signed for and on behalf of _____

Date:

Seal of the Establishment

Name:

Designation:

Address:

E-Mail:

Contact Details:

NB: Please refer to the minimum qualification and tender requirements before filling up the check list. Please furnish the details on the official letter head duly signed and typed. Enclose required documents in support of the details failing which the tender shall liable for rejection.

5	V	IGEA for water pumping system and lighting arrangement of WTP (40 MLD) at Bareipali and 11.2 MLD at Modipara including raw water pump house at Balibundha				
		Total cost for Sl.No.5 in words í ..				

Above rate / price quoted will be inclusive of all charges, including travel, accommodation, site visits and a one day workshop cum training programme training programs etc. and shall remain valid and unaltered till final completion of the work. The rate/price quoted above by the Agency/Firm will be firm and no escalation during the period of work will be allowed, under any circumstances whatsoever except for statutory taxes and duties. T.D.S will be made by concerned Executive Engineer, (PH) unless until appropriate form for not deducting the tax at source is furnished by the agency.

Signature of the bidder

Complete address

Full name of the bidder

Seal of the Establishment

Date:

Place: