

**TENDER
FOR
ENERGY AUDIT STUDY
AT
APPAREL HOUSE COMPLEX
SECTOR-44, GURUGRAM-122003
HARYANA**



APPAREL EXPORT PROMOTION COUNCIL
(Sponsored by Ministry of Textiles, Government of India)
Sector-44, Institutional Area, Gurugram-122003
Website; www.aepcindia.com Telephone: 0124-2708000-8004



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F. No. AEPC/HO/AHM/2017/233

Tender Notice

Subject: Tender for conducting Energy Audit for AEPC at Apparel House, Sec.44, Gurgaon.

Sealed Bids in prescribed format are invited on behalf of Apparel Export Promotion Council (AEPC) for conducting energy audit for its building from registered experienced and reputed agencies. The Tender should be signed on each page alongwith seal of agency in the documents. The tenderer should sign all papers as having read and understood the trms and conditions containe in the tender document and submit the same alongwith requisite information. **The last date of receipt of tender is 10th December, 2017 by 5.00 pm.** The tender can also be downloaded from the Council's website www.aepcindia.com.

Instructions to Tenderers

AEPC sponsored by Ministry of Textiles, Government of India intends to get its Head office building audited for Energy. The building is located at Sector-44, Institutional Area, Gurgaon, Haryana. Details of buildings given in Annexure "C" are provided only for giving a rough idea about the building. Agencies are suggested to visit the building before submitting the bid and satisfy themselves about the services provided viz electro-mechanical, fire alarm, fire fighting, suppression system, light automation system etc.

Methodology:

Selected vendor will carry out the Energy audit through these steps. Steps are directional only. Vendors may choose an appropriate methodology but output should be similar.

1. Pre Audit Meeting with AEPC team. Visual inspection & verification of documents.
2. Audit: Auditing, testing & Safety to determine the condition of electrical / fire installation.
3. Presentation of findings to committee of AEPC responsible for acceptance of report and of implementation of recommendations. Recommendations should be supplemented with a list of equipment's to be repaired / replaced. Specifications of the equipment's to be changed should be given with directional costs so that tender can be floated, if required by AEPC and the implementation can be done easily.
4. After modifications, as suggested by AEPC team, Reports will be accepted.
5. Two day's training in Gurgaon on Energy Audit for Nodal Officers responsible for conduct & implementation for Energy audit. The training should cover following aspects:-
 - i) Indian Electricity Rules, Energy Conservation Act.
 - ii) Need of Electric Audit & Energy Audit.
 - iii) Relevant standards on Electrical & Fire safety.
 - iv) Fire & Electrical safety / Maintenance in relations to All Electrical, mechanical & fire Equipment's etc.
 - v) Earthings / Lightning protection & their testing.

- vi) Auditing & Implementation. Logistics for training will be taken care by AEPC Trainers & experts should be arranged by agency / vendors.
6. Implementation Audit: Audit will be done by vendor in buildings to certify that gaps identified in report are fulfilled in the way as it is required. Vendor will recommend the defects / gaps and to repair / replace the equipment / system and AEPC shall carry out the work however after completion of rectification work Vendor will certify that the building complies with relevant standards.

Scope of work

The following areas will be covered to identify Energy Conservation Measures:

- a) Electricity Supply and Distribution
- b) Air Conditioning System (HVAC)
- c) Split/ Window Air Conditioners
- d) UPS and Ventilation
- e) Lighting (internal and external)
- f) Energy efficiency of the installed D G Sets
- g) Pumps and Motors
- h) ACB/VCB/Transformers
- j) Any other existing electrical system not mentioned above

a) Electricity Supply and Distribution net work

1. Detailed examination of the existing energy use of the facility with break up.
2. Measurement and analysis of demand and power factor, suggestions to reduce the demand and improve the power factor.
3. Performance evaluation of selected motors, 5 HP and above, to identify under/over loading of motors.
4. Study and examination of use of electric energy, cost balance with break up.
5. Study on Metering system and suggestion for improvement.
6. Energy distribution Break up on floor wise and department wise.
7. Study on V, I KW fluctuation and profiling, V & I imbalances in the network.
8. Suggestion for reducing the network loss and to improve monitoring system.
9. Performance evaluation of installed capacitors to ensure deliverance of desired output, level of losses, management of system power factor and operation of capacitors.

b) Air Conditioning System

1. Evaluation of operating Coefficient of Performance of Chillers. Evaluation of specific energy consumption of Chiller.
2. Estimation of actual tonnage and comparison of actual parameters with the design values and corrective actions (like air and water flow balancing etc.)
3. Performance Evaluation of chilled water pumping to optimize pumping power.
4. Potential of reduction in chilling requirements in working stations.
5. Measurement of power parameters for cooling tower fans, water flow rate, air flow rate, dry bulb temperature (DBT) wet bulb temperature (WBT) sump temperature, relative humidity
6. Estimation & Evaluation of cooling tower performance (Range, approach, effectiveness) and comparing it with designed data.
7. Measurement (Provisions must be available) and analysis of pump flow rate, pressure and power consumption with respect to rates/design conditions.

c) Air Handling Units, Fan Coil Units etc

9. Measurement of airflow, RH, Tsa, Tra, Chilled Water Tin, Tout through cooling coil and energy consumption of AHUs.
10. Estimation of actual tonnage and Measurement of operating zone temperatures under each unit. Comparison of actual parameters with the design values.
11. Examination and or Air Handling Units for air delivery capacity, capacity utilization, temperature pattern, pressure drop and operational pattern with respect to time to identify potential energy saving measures.

d) Split or window air conditioners/ Central Air conditioner

1. Evaluation of operating Coefficient of Performance of Precision Air Conditioner.
Evaluation of specific energy consumption of precision Air Conditioner. Identification and suggestions for performance improvement and energy saving potential.
2. Estimation of actual tonnage and comparison of actual parameters with the design values and corrective actions.
3. Measurement and analysis of selected units (10% of units) 24 hours profile to suggest measures for energy conservation.
4. Package Air Conditioners: Measurement of power consumption, temperature profile under different duct able units.
5. Measurement of airflow, RH, Tsa, Tra, chilled water Tin, T out, through cooling coil and energy consumption (Access must be available).
6. Estimation of actual tonnage and Measurements of operating zone temperatures under each unit. Comparison of actual parameters with the design values.
7. Feasibility of continuing with central Air-Conditioning system along with Split.

e) Un-interrupted Power Supply (UPS)

1. Measurement and analysis UPS loading, redundancy, operating efficiency, load pattern to suggest measures for energy cost reduction, Measurement and analysis of Harmonics (up to 30th) as per standards (IEEE 519/IEC 61000 -3-2/3/4).
2. Measurement and analysis of exhaust fan operating parameters. Usage pattern, suggest measures for energy conservation.

f) Lighting (Internal and External)

1. Examination of the lighting system in all the areas, measurement of illumination levels, etc to improve lighting efficiency and optimizing lighting levels as per ECBC Standard and comparison (ECBC-2006) published by Bureau of Energy Efficiency (BEE) Govt. of India Examination of the lighting system in all the areas,
2. To look possibilities to reduce energy use by incorporating energy efficient lighting system, equipment's and lay out changes.
3. Study of operating electrical parameters like voltage etc in the lightening circuits.
4. Measurement of light intensity, lux levels at all locations study of type of lamps used; day time lighting, requirements and improvements etc.
5. Collection of inventory data of fixtures/lux measurement and power consumption measurement at each locations.
6. Analysis and calculation of zone wise lux/lighting power consumption in term of KW / Fixture alongwith the diagrammatic representation.
7. Recommendation for energy savings while maintaining required luminaire at each room/ Floor level shall be provided.

g) Energy efficiency of the installed Diesel Generator Sets

1. Review of operation & performance of DG sets through units generated, combustion Analysis and diesel consumption
2. Specific fuel consumption in terms of l/kwh, l/kvah and to suggest for energy conservation Opportunity and suggestion for optimization
3. The entire recommendations would be backed up with techno economic calculation including the estimate investment period required for implementation of suggested measurements and simple payback period. Measurement would be made using appropriate instrumentation support for lapses and continuous record of the operational parameters.

h) Pumps and Motors STP's

1. Performance assessment of lift system, water pumping, storage and distribution systems.
2. Measurement of Head/pressure, flow, power and determination of pump/motor loading Based on measured parameters.
3. Exploring the energy conservation option (ENCON) in water pumping system. All saving and recommendation will be backed by detail calculation providing the technical details of each recommendation.

i) ACB/VCB/Transformers

1. Efficiency of Bus coupler designs
2. Heat dissipation loss and efficiency of transformers
3. loss of efficiency due to wearing out of jaw contracts after studying frequency of Changeovers.
4. Determination of optimum tapping position of transformers based on load requirements.

j) Others

1. The power measurements (I, V, pf, KVA, and KW) of all major motors (above 10 HP) will be studied for possible energy savings opportunities by the application of following items.
 - a. Possibility of on /off control
 - b. Interlocking
 - c. Downsizing motors
2. Any other existing system not mentioned above.
3. Any other Electrical system available at buildings will be under the scope of the Energy Audit and Energy Audit of the above system also to be carried out.

Deliverables.

- a) Full description and figures if required
- b) Method of implementing the proposal
- c) Cost benefit analysis

Energy Management Guidelines to monitor and sustain the saving identified.

1. The recommendation will be classified as non-capital proposals (proposals requiring no investment or insignificant investment) and as capital proposals. It should be noted that for capital proposals, the budgetary cost estimates have an accuracy of plus or Minus 20 per cent.
2. For projecting cost benefit analysis, simple payback system technique may be used.
3. Discussion with AEPC officials for consensus on proposals and justifications.
4. Energy Conservation Measures having payback of less than 2 years will be given in the report.

5. Compilation of detailed report comprising of observations, recommendations with adequate financial justifications, vendor support data etc.
6. All the data collected from the AEPC to be tabulated properly and submitted along with detailed report in the form of Soft copy and Hard Copy.
7. Presentation of the detailed report and data collected from the AEPC to be given to AEPC Officials before final submission to the AEPC.

Qualification Criteria of the Firm

1. The vendor should have carried out at least One Energy Audit in banks, financial institutions, major hotels and multistoried office buildings with a minimum connected load of 2000 KW in last 05 years. Or the vendor should have carried out at least Two Fire, electrical safety and / or Energy Audit in financial institutions, major hotels and multistoried office buildings with a minimum connected load of 1000 KW in last 05 years
- 2 The vendor should be enlisted in approved list of vendor /engineers of Bureau of Energy Efficiency. Engineers who are likely to be working on this project should be certified from BEE. Enclose copy of certificate of BEE & proof that engineer is working since last one year with agency. IGBC would be an added advantage.
- 3 The contractor should be an Income tax assessee and should have filled Income Tax return for the last assessment year.
- 4 The Contractor could be a sole proprietary concern/partnership firm or a company and should be registered with Registrar of Firms/Companies wherever applicable.
- 5 The firm should have office in NCR.

Payment

60% payment will be released after submission of report and their acceptance by management.
40% payment will be released after submission of report on implementation audit of certification.

Terms and Conditions

Submission of Bid

Sealed Envelope containing Technical cum Financial Bid with "AEPC, Energy Audit" super scribed on it should be addressed to: -

Director (AHM), Apparel Export Promotion Council, Sector-44, Institutional Area,
Gurgaon-122003, HARYANA

The proposal should reach the Council **on or before 10/12/2017 by 5:00 p.m. The proposals received late will not be considered.**

The proposal in a sealed envelope should include (2 covers) as given below –

I. Technical Bid sealed cover containing:-

- 1 Proposal Form and Technical bid as per Annexure A of this document
- 2 Company profile along with documentary evidence of Services offered and all relevant enclosures as detailed in / required as per Technical Bid form and qualification criteria
3. Bid security deposit of Rs. 3,000/- (Rupees Three Thousand Only) in the form of Demand draft in favour of Apparel Export Promotion Council payable at Gurgaon. This bid security will be returned to all the firms who couldn't be qualified /successful.

II. Financial Bid in separate sealed cover containing:-

1. Proposal of fees as per Annexure B of this document.

Note: The sealed covers of Technical and Financial bids together should be kept in another sealed envelope.

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B. Clarifications on the TENDER

All queries relating to this tender should be in writing only (at the above address) and can be sent to email id: gpmadhwal@aepcindia.com. A pre bid meeting shall be held to answer the queries. The firm should provide the E-mail address for correspondence in their queries without fail, since replies from AEPC will be provided to the vendor, in this mode only. If the AEPC in its absolute discretion deems that the originator of the clarification will gain any advantage by response to a question, then AEPC reserves the right to communicate such query and response to all respondents of the tender host it on website.

C. Clarifications on the bids/response to tender

The AEPC in order to assist evaluation and comparison of bids/response to tender received, may seek clarifications from some or all of the bidders. Such clarifications and responses will necessarily be in writing. The AEPC has right to disqualify the vendor whose clarification is found not suitable.

D. Confidentiality

The tender contains information proprietary to the AEPC. The AEPC requires the recipients of this tender to maintain its contents in the same confidence as their own confidential information and refrain from reproducing it in whole or in part without the written permission of the AEPC. The AEPC will not return the bids/responses to the tender received. The information provided by the bidder/s will be held in confidence and will be used for the sole purpose of evaluation of bids.

E. Opening and Evaluation of Bids (Evaluation Methodology)

i) Opening of Technical Bids by the AEPC

Technical bids will be opened in the presence of the "Contracts committee" and vendor's representatives, if any. The Bidders' names, Bid modifications or withdrawals and the presence or absence of requisite Bid Security and such other details as the AEPC, at its discretion, may consider appropriate, will be announced at the time of technical Bid opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder. Bids (and modifications sent) that are not opened at Bid Opening shall not be considered further for evaluation, irrespective of the Circumstances. Withdrawn bids before last date will be returned unopened to the Bidders.

ii) Preliminary Examination and Technical Evaluation

The AEPC will examine the Bids to determine whether they are complete, required formats have been furnished, the documents have been properly signed, and the Bids are generally in order. The AEPC may, at its discretion, waive any minor infirmity, nonconformity, or irregularity in a Bid, which does not constitute a material deviation. Only those Bidders whose Technical bids have been found to be in the conformity of the eligibility terms and condition would be taken up by the AEPC for the further detailed evaluation. Prior to the detailed evaluation, the AEPC will determine the responsiveness of each Bid to the Bidding Document.

For purposes of these Clauses, a responsive Bid is one, which conforms to all the terms and conditions of the Bidding Document without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Bid Security, Applicable Law, Qualification Criteria, Force majeure will be deemed to be a material deviation. The AEPC

determination of a Bid's responsiveness is to be based on the contents of the Bid itself, without recourse to extrinsic evidence.

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The AEPC reserves the right to evaluate the bids on technical & functional parameters including possible visit to inspect live site/s of the bidder and witness demos of the system and verify functionalities, response times, etc. If a Bid is not responsive, it will be rejected by the AEPC and may not subsequently be made responsive by the Bidder by correction of the non-conformity. The AEPC may use the services of external consultants for bid evaluation

iii) Clarification of Technical Bids

During evaluation of the Bids, the AEPC, at its discretion, may ask the Bidder for clarification of its Bid. The request for clarification and the response shall be in writing / over telephone.

iv) Evaluation and Comparison of Price Bids

The AEPC will evaluate and compare the Price bids, which have been determined to be responsive. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Successful Bidder does not accept the correction of the errors, its Bid will be rejected, and its Bid EMD may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail. L1 will be decided on the basis of price quoted in the Annexure C of the financial bid and shall be considered for award of work though not binding on the Council.

F. AEPC reserves the right to the following:

1. Reject any or all proposals received in response to the tender without giving any reason whatsoever
2. Reject the proposals received in response to the tender containing any deviation from the stipulated terms.
3. Waive or Change any formalities, irregularities, or inconsistencies in proposal format Delivery.
4. Extend the time for submission of proposal
5. Apply whatever evaluation criteria deemed appropriate for evaluation of Technical Bids
6. To terminate the services if the assignment is not proceeding in accordance with the terms of contract or undue delay is taking place in execution of the assignment.
7. Modify the time period stipulated in Para E above for completion of assignment during the Execution of assignment.

G Termination for Convenience

The AEPC, by written notice sent to the consultant/firm/Service Provider, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the AEPC's convenience, the extent to which performance of the Bidder under the Contract is terminated, and the date upon which such termination becomes effective.

H. Time of completion & penalty clause:-

Energy audit should be completed i.e. submission of report and its acceptance by AEPC Management within _____ days from the date of issue of Work order. If the agency fails to complete the above mentioned work within the stipulated time frame, the agency shall be liable

and pay the owner as pre estimated damages at the rate of one percent of the final contract price for each week of delay or part thereof subject to a maximum of 10% of the final contract value.

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The agency shall submit the preliminary report within 10 days of issue of work order and final report with recommendation /observations, cost involved along with the BOQ, specifications within 15 days of issue of work order. Implementation audit & Final compliance report along with certificate of compliance in respect all relevant fire, electricity laws of the country shall be submitted within 15 days after confirmation by the AEPC that the observations are complied with.

In case the consultant fails to carryout implementation audit & to submit the final compliance report within the specified period, the AEPC shall forfeit the bid security as well as the balance payment shall not be made.

The contract as a whole or part thereof is Non-transferable.

I. Injury to persons, property & Owner's Indemnity

i) The Agency shall be liable for and shall indemnify the Owner against any liability loss, claim or proceedings whatsoever arising under any statute or at common law in respect of personal injury to or the death of any person whomsoever arising out of or in the course of or caused by the carrying out of the works unless due to any act or neglect of the Owner or of any person for whom the Owner is responsible. ii) Except of such loss or damage as is at the risk of the Owner under the Contract the Agency shall be liable for and shall indemnify the Owner against any expense, liability, loss claim or proceedings in respect of any injury or damage whatsoever to any property real or personal in so far as such injury or damage arisen out of or in the course of or by reason of the carrying out of the works and provided always that the same is due to any negligence omission or default of the agency his servants or agents or of any sub-contractor his servant or agents.

J. Costs of tests

The cost of arranging/undertaking any test shall be borne by the agency.

K. Statutory authority obligations, notices, fees charges

1. The Agency shall comply with and give all notices required by any act, any instrument, rule or order made under any Act, or any regulation or byelaw of any local authority or of any regulation of any agency which has any jurisdiction with regard to the works or with whose systems the same are or will connected.

2. If the agency shall find any divergence between the statutory requirements and all or any of the contract documents or any variation instruction issued in accordance with these conditions, shall immediately give to the Owner's Representative a written notice specifying the divergence.

3. If the agency gives notice under paragraph (b) of this sub-clause or if Owner shall otherwise discover or receive notice of a divergence between the statutory requirements and all or any of the contract documents or any variation, instructions issued in accordance with these conditions the Owner shall within 7 days, of discovery or on receipt of a notice, issue instructions in relation to the divergence. If and in so far as the instructions require the works to be varied, they shall be deemed to be Owner instructions issued in accordance with these conditions.

L. Labour Laws

The Agency shall observe and strictly adhere to all prevailing labour laws inclusive of Contract Labour (Abolition and Regulation) Act of 1970 and other safety regulations including amendments made, if any afterwards. The agency shall indemnify and keep indemnified the Council against:

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- i) Any claim arising out of third party loss/ damage to life or property caused by/ during execution of the work.
- ii) Any claim arising out of loss/ damage to the workmen engaged by the contractor during execution of the work.
- iii) Any claim due to non-compliance of applicable PF/ Labour laws, ESI regulations etc.

M. Work to be done to the satisfaction of the owner

The agency shall execute, complete and maintain the work in strict accordance with the contract to the satisfaction of Council and shall comply with the specifications and adhere strictly to the Council's instructions and directions on any matter (whatever mentioned in the contract or not) concerning the work. The agency shall take instructions and directions from the Council's representative

N. Validity of Offer

Tender submitted by tenderer shall remain valid for acceptance for a minimum period of **120** days from the date of opening of the tenders.

O. Arbitration

Except where otherwise provided for in the contract all questions and disputes whatsoever in any way arising out of or relating to the contract and conditions concerning the works or failure to execute the same or abandonment thereof shall be referred to the sole arbitration of the Secretary General, Apparel Export Promotion Council or to the sole arbitration of some other person appointed by Secretary General. The venue of arbitration shall be at Gurugram. The award of the arbitrator shall be final, conclusive and binding on all parties to this contract.

Dated the 17th November, 2017

(G.P.MADHWAL)
DIRECTOR (AHM)

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Annexure A



AEPC/HO/AHM/2017/233

TECHNICAL BID

Date:

Director (AHM),
Apparel Export Promotion Council
Sector-44, Institutional Area
Gurgaon-122003, Haryana

Sir,

Subject: AEPC Tender for Energy Audit

Having examined the scope of work, general, special conditions and TENDER Document, we, the undersigned, offer our services for Energy Audit for building of the AEPC in conformity with the requirements mentioned in said TENDER documents.

We undertake, if our bid/ Proposal is accepted, to provide services for Energy Audit for buildings of the AEPC as per the scope of work, deliverables and in accordance with the time frames specified in the TENDER document as well as on the payment terms mentioned therein.

We confirm that the information submitted by us in our Bid/Proposal is true and correct. We agree to abide by the Bid/ Proposal and the fees quoted therein.

We hereby acknowledge and unconditionally accept that AEPC may on its absolute discretion apply whatever criteria deemed appropriate in short listing and selection of the consultants.

We declare that we have not made any alterations/changes whatsoever in the TENDER document which is downloaded from the Website of the AEPC and we are fully aware that in the event of any change, the TENDER document maintained at the AEPC will be treated as authentic and binding and the Bid/Proposal submitted by us will be liable to be rejected by the AEPC in the event of any alteration made in the TENDER document.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest, or any other Proposal, you may receive.

Dated this..... day of2017

(Signature In the capacity of duly authorized to sign Proposal for and on behalf of _____)

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| S. No. | Details | To be furnished by the Vendor |
|--------|---|-------------------------------|
| 1. | Name & Address of the Firm with Registration Number | |
| 2. | Type of organization & year of Incorporation | |
| 3. | a) PAN Number (attach self attested copy) b) GST Number (attach self attested copy) | |
| 4. | ESI & PF registration number (attach self attested copy) In case not applicable an undertaking on Rs.50/- stamp paper duly notarized is to be submitted) | |
| 5. | Correspondence address with contact person's name, telephone number, mobile number, Email etc. | |
| 6. | Turnover of the Company for the last 3 years | |
| 7. | Number of Energy Audit Works (minimum 3 job) carried out with a minimum connected load (KW) during the last 5 years. | |
| 8. | Name & Address of the client organizations with details of contact person. Please arrange to provide copy of orders/completion certificate | |
| 9. | Details of BEE certified professionals | |
| 10. | Details of IGBC certified professionals | |
| 11. | Other information's applicant might like to give the support of the application | |

LIST OF WORKS EXECUTED DURING LAST 5 YEARS TOWARDS ENERGY AUDIT

A. ONE SIMILAR WORK OF CONTRACT OF ENERGY AUDIT WITH MINIMUM CONNECTED LOAD OF 2000 KW.

| Name of Firm client | Location of the work | Work order Ref. No. & Date | Period of Execution | Contract amount | Remarks (%age of saving done) |
|---------------------|----------------------|----------------------------|---------------------|-----------------|-------------------------------|
| | | | | | |

B. TWO SIMILAR WORKS OF CONTRACT OF ENERGY AUDIT WITH MINIMUM CONNECTED LOAD OF 1000 KW.

| Name of Firm client | Location of the work | Work order Ref. No. & Date | Period of Execution | Contract amount | Remarks (%age of saving done) |
|---------------------|----------------------|----------------------------|---------------------|-----------------|-------------------------------|
| | | | | | |
| | | | | | |

We confirm that all the details mentioned as required above and the documents/enclosures submitted in support of the same are true and correct and if the NIBSCOM observes any misrepresentation of facts on any matter at any stage of evaluation, the NIBSCOM has right of rejecting the Bid.

Dated thisday of 2017

(Signature In the capacity of and duly authorized to sign Proposal for and on behalf of _____)

Name & Designation _____

Address _____

Email and contact Number _____

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Annexure-B



AEPC/HO/AHM/2017/233

FINANCIAL BID

Date:

Director (AHM),
Apparel Export Promotion Council
Sector-44, Institutional Area
Gurgaon-122003, Haryana

Sir,

Subject: AEPC, Tender for Energy Audit

In terms of the above-mentioned TENDER document we submit herewith the Financial bid (fees) for the assignment proposed by the AEPC

| S. No. | Deliverables (Broad) | Total amount (in Rs.) |
|--------|---|-----------------------|
| 1. | Energy audit (Ground plus Seven floors of Apparel House building, Exhibition Centre, Auditorium, Art Gallery and other associated areas) | |

TERMS AND CONDITIONS

1) The above quoted fee is the lump sum (fixed price) amount for the entire assignment. The fees includes all duties, levies, taxes, travelling expenses, out of pocket expenses and any other expenses of whatsoever nature but excluding Service Tax. The AEPC will pay Service tax at the applicable rate.

Dated thisday.....of 2017.

(Signature in the capacity of duly authorized to sign Proposal for and on behalf of

Name and Designation: _____

Address: _____

Email and contact number: _____

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Annexure-C



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Details of buildings to be audited

(Ground + 7 floors, Exhibition Hall, Auditorium, Art Gallery & other areas)

Particulars of Electrical Fittings & Installations

1. Fire fighting system
2. UPS
3. Transformers
4. Pumps and Motors
5. Main LT Panel
6. All other electrical panels installed in the building.
7. Distribution boards located in various areas within the building.
8. External lighting, feeder pillars and cables
9. All incoming and outgoing cables – Bus ducts
10. All earthing pits and earthing systems

Particulars of DG System

1. 1050 KVA / Cummins make DG set
2. 1050 KVA / Cummins make DG set
3. 1050 KVA / Cummins make DG set
4. 250 KVA / Cummins make DG set

Particulars of HVAC System

1. Reciprocating Chilling Units fitted with compressor Model 4 nos. 350 TR /Trane make.
2. Condenser Water Pump 4 nos 50 HP each.
3. Air Handling Unit 33 nos.
4. Fan Coil Units 330 nos.
5. Cooling Tower 4 nos.

