



**Bank Note Paper Mill India Private Limited**  
**Registered & Corporate office: First Floor, SR Complex,**  
**# 2 Thavarekere Main road, SG Palya, DRC Post Bangalore 560 029,**  
**Karnataka, India**

**Standard Biding Document (SBD)**

Not Transferable

Tender Document for **engaging the consultancy firm / Energy Services Company (ESCO) / Energy auditing firms for conducting comprehensive energy audit at Bank Note Paper Mill India Pvt Ltd, Mysore establishments/buildings/installations / premises.**

Tender No. BNPM/ENERGY AUDIT/ 417/2017-18, Dated: 16.2.18

The Tender Document contains 52 Pages

The Tender Document is sold to

M/s .....
Address ..... .....

Details of Contact person in BNPM regarding this tender

Name: Alok Kumar

Designation: Assistant General Manager

Address **Bank Note Paper Mill India Pvt. Ltd.**  
**Administrative Building,**  
**Note Mudran Nagar,**  
**Mysore- 570003.**  
**Phone 0821- 2401175 ; Fax \_080-22540 222**  
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**Website: [www.bnpmindia.com](http://www.bnpmindia.com)**



**CONTENTS – STANDARD BIDDING DOCUMENT**

Section No	Specification no	Description
	<b>APQ</b>	<b>Application- Pre-qualification</b>
I.	BNPM/ENERGYAUDIT/ 417/2017-18	Notice Inviting Tender (NIT)
II.	GIT	General Instructions to Tenderers (Can be downloaded from website: www.bnpmindia.com under the section %Corporate Actions+)
III.	SIT	Special Instructions to Tenderers
IV.	GCC	General Conditions of Contract (Can be downloaded from website: www.bnpmindia.com under the section %Corporate Actions+)
V.	SCC	Special Conditions of Contract
VI.	LOR	List of Requirements
VII.	TS	Technical Specifications
VIII.	QCR	Quality Control Requirements
IX.	QE	Qualifying/ Eligibility Criteria
X.	TF	Tender Form/ Acceptance of Terms & Conditions
XI.	PS	Price Schedule
XII.	QUEST	Questionnaire
XIII.	BG-EMD	Bank Guarantee Form for EMD . <b>Not Applicable</b>
XIV.	MAF	Manufacturer's Authorization Form . <b>Not Applicable</b>
XV.	BG-PS	Bank Guarantee Form for Performance Security.
XVI.	CF	Contract Form- <b>Not Applicable</b>
XVII.	LOA	Letter of Authority for attending Bid Opening
XVIII.	SA	Shipping Arrangements for Liner Cargoes . <b>Not Applicable</b>
XIX.	PBP	Proforma of Bills for Payments . <b>Not Applicable</b>
XX.	APQ	Application-Pre-Qualification
XXI.	ACW	Additional Conditions of Works Contract . <b>Not Applicable</b>
XXII.	IP	Proforma for Integrity Pact - <b>Not Applicable</b>

**NIT****BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: I

**NOTICE INVITING TENDERING**

SHEET 1 OF 5

**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

Administrative Building, Entry Gate 1, Paper Mill Compound,

Note Mudran Nagar, Mysuru-570003, Karnataka, India

Tele: 0821-2401 111, Fax 0821-2401 154

Email [info@bnpmindia.com](mailto:info@bnpmindia.com), website: [www.bnpmindia.com](http://www.bnpmindia.com)

1. Tender No. BNPM/ENERGY AUDIT/ 417/2017-18, Dated: 16.2.18
2. Bidders satisfying the technical and commercial conditions specified in the bid and ready to provide the service in conformity with the Scope of work and Technical specification provided in NIT and terms and conditions stipulated herein may submit their commercial quotes as specified in the format of the document. The closed quote should be submitted electronically Only on the BNPM e- Tendering Portal [www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP) within the stipulated time.
2. Tenders are invited in two parts (Techno-commercial along with pre qualification documents & Financial) from eligible and qualified tenderers for providing the foillowing services :

S No.	Brief Description of Goods/ Services	Qty	Earnest money
1.	<b><u>Conducting detailed comprehensive energy audit at Bank Note Paper Mill India Pvt. Ltd., Mysore establishments/buildings/installations /premises.</u></b>	As per requirement (Plase see the List of requirement Section VI)	Rs 20,000/- (Rupees Twenty Thousand only)

Tender Number	Tender No. BNPM/ENERGY AUDIT/ 417/2017-18, Dated: 16.2.18
Type of Tender (Two Bid/PQB/EOI Etc.)	Two Bid
Price of the tender Documents	Rs 1000/- plus applicable tax . to be submitted through e tender portal in electronic transfer mode.
Closing Date and time for receipt of tenders	08.03.2018 :1500 Hours
Bid Opening Date & Time (Techno commercial along with Prequalification criteria)	09.03.2018 : 15:00 Hours
Pre-bid meeting	27.02.2018 at 1100 Hrs at Bank Note Paper Mill India Pvt. Ltd. Administrative Building,



	Entry Gate 1, Paper Mill Compound Note Mudran Nagar, Mysore- 570003.
Bid submission Mode	Through e-tendering portal <a href="http://www.tenderwizard.com/BNP">www.tenderwizard.com/BNP</a>

3. Interested tenderers may obtain further information about this requirement from the above office selling the documents. They may also visit our website [www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP) (as mentioned above) for further details, addendum/corrigendum etc.
4. Non-refundable Tender fee is Rs 1000/- per set plus applicable taxes. The payment shall be made through electronic mode only.
5. Aspiring Bidders/Contractors who have not registered in e-tendering should register through the website E\_tendering ([www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP)) for participation in online tenders. The registration charges will be Rs 1500/- plus applicable tax (per year) which needs to be paid through electronic mode only..
6. For details, registration and e-payment please visit e-tendering website [www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP) or contact e-tendering helpdesk at 080-49352000/ Mr Nagesh at 09686115324, Email Id: nageshkumarc2012@gmail.com
7. The NIT Form with standard bidding document will be accessible in the e-tendering website ([www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP))
8. Class III Digital Signature Certificate (DSC) is mandatory to participate in e-tenders. Participating bidders/contractors have to make sure that they have the valid DSC. If not, they can procure form any of the RAs approved by CCA.
9. Bidders/Contractors should upload and attach all the scanned copies of technical documents/certificates in e-tendering website [www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP) pertaining to their eligibility criteria mentioned in the NIT/SBD, failing which, the bid will not be considered.
10. The tender shall contain two bid system each of whose shall be as follows envelopes each of whose contents shall be as follows.

**Prequalification Bid & Techno-commercial Bid should consist of clearly visible scanned copy of:**

- i) Bid forwarding letter.
- ii) Power of Attorney in favour of the person who has signed the bid on stamp paper of appropriate value.
- iii) Documents to establish conformity with Bidder's Qualification/License/Eligibility criteria along with Application . Pre qualification, QCR declaration & List of qualifications as per the prescribed format with sign & stamp.

- iv) ESIC, PAN details, service tax/ VAT/GST registration certificate, Scheduled bar chart, proposed organization chart.
- v) Earnest Money Deposit (To be paid vide electronic mode at e tender portal)
- vi) Deviations from GCC, SCC, SIT, GIT (if any)
- vii) Schedule of deviations to technical specifications separately
- viii) Technical details/documents specified in technical part
- ix) Blank copy (Without price) of Schedule of price duly signed & stamped on each page
- x) Questionnaire, Declaration that the company is not blacklisted /debarred, Compliance, Tender Forms as per the prescribed format with sign & stamp.

***The bidder should submit the "Prequalification Bid & Techno Commercial bid "in e-tendering Portal only.***

**Financial Bid Shall contain**

- i) Schedule of Prices duly filled in.

***The bidder should submit the "Financial Bid "in e-tendering Portal only.***

11. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, should be uploaded in e-tendering portal [www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP) only.
12. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organisation, the tenders will be sold / received / opened on the next working day at the appointed time.
13. The tender documents are not transferable.

Yours Faithfully,

(Alok Kumar)  
Asst. General Manager



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**IMPORTANT POINTS AT A GLANCE FOR ATTENTION OF BIDDERS**

1. **Scope of Work:** The Scope of work refers to List of requirements in Section VI.
2. Tenders are to be uploaded on etendering portal [www.tenderwizard.com/BNP](http://www.tenderwizard.com/BNP) only.
3. The Last date of submission of tender is 08.03.2018 :1500 Hours
4. **Qualification/Eligibility Criteria:**

**Please refer - Section IX: Qualification/Eligibility Criteria**

**5. PRICE/ RATE:**

Prices/Rates should be quoted **only** in the “**Section-XI (Price Schedule)**” in the manner as given therein. Rates/offer given in any other manner will not be accepted.

**6. Earnest Money Deposit:** EMD amount is payable in the form Electronic Transfer mode only through e tender portal. The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period with DGS&D or with National Small Industries Corporation, New Delhi /MSME are exempted from payment of earnest money. In case the tenderer falls in these categories, it should furnish certified copy of its valid registration details (with DGS&D or NSIC or MSME as the case may be).

**\*EMD amount : : Rs.20,000/- (Rupees Twenty Thousand only) & to be valid for 45 days beyond completion of contract period.**

**7. Delivery Period:** i) The time for completion of the entire work is within twelve weeks from the date of issuance of work order. The successful bidder shall mobilize all their resources including manpower & start the location work at location mentioned in the tender within 2 weeks from the date of issuance of work order. The site survey, data collection /measurements & draft report should be completed within the stipulated time & are to be submitted before the end of eighth week for review to BNPM management & the final report after corrections / as accepted by BNPM should be submitted on or before the end of tenth week. After the audit jobs & draft reports found acceptable to BNPM, the bidder will be required to give presentation on the draft reports to BNPM management within one week on intimation by BNPM.

ii) **Delay or non delivery:** Time is essence of the contract & completion of delivery dates agreed to are binding on the successful bidder. In the event of the successful bidder not able to deliver as per the schedule provided by BNPM, purchaser will have a right either to cancel the order without prejudice to any other rights or to get service from an alternating source at the risk & cost of the seller. In case of rejection & failure of replaced service, the order will be treated as incomplete & may be cancelled, the service may be obtained from other resources at the bidder's risk & cost & the order / LOI will be cancelled & action will be

taken as per order terms.

**8. Payment Terms:** 100% of invoice value against the order within 30 days after satisfactory receipt and acceptance of final report & by the contractor on satisfactory completion of the work of safety audit.

The concerned officers should certify the bill about the completion of work after verifying the records and other relevant documents maintained for the purpose. Statutory deductions as applicable will be deducted from the gross bill amount.. The Security Deposit will be forfeited if the successful tenderer fails to execute the assigned order or fails to provide services as per the requirement of company.

**9. Security Deposit:** Within twenty one days after the issue of work order by BNPM, the supplier shall furnish security deposit to BNPM in form of a BG as per the prescribed format for an amount equal to ten percent of the total value of the purchase order, valid upto 60 days after the date of completion of all contractual obligations by the supplier. [*Please refer GCC Clause 6 under Section IV*].

10 Parties who have been black listed /Debarred by BRBNMPL/SPMCIL or any PSU or Govt. Departments are not eligible for submission of this tender.

11. BNPMIPL does not pledge itself to accept the lowest or any tender and reserves to itself the right of accepting/rejecting the whole or any part of the tender or portion of the quantity tendered without assigning any reason thereof.

12. If the tenderer is registered under DGS&D/ NSIC, New Delhi/MSME they have to clearly mention and submit a copy of supporting documents. *In absence of any such declaration, tenderer shall be considered as not registered under DGS&D/ NSIC, New Delhi/MSME.*

13. Copies of documents related to Income Tax PAN, Professional certificate, Service Tax to be provided along with the Techno-commercial Bid.

14. **Work Order will be issued on L1 basis.**

15. **No counter conditions shall be accepted.**

**16. Risk purchase clause:** If the seller fails to abide by the terms & conditions of this agreement or fails to provide the service as per the delivery schedule or at any tie repudiates the contract, the purchaser will have the right to (a) appropriate the security deposit (by invoking the bank guarantee) deposited by the bidder as per clause 6 of GCC & will get the service from other sources at the risk & cost of the seller. (B) The cost of alternative arrangement will be recovered from the bidder along with other incidental charges, in case the the price of alternative source is lower than the price of the bidder, there also no benefit will be passed on to the bidder.

**Section II: General Instructions to Tenderers (GIT)**

This section-II shall be downloaded from website: [www.bnpmindia.com](http://www.bnpmindia.com) under the section Corporate Actions+and signed & stamped and submitted along with the Techno-Commercial Bid .Part II as acceptance of terms and conditions.



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The following Special Instructions to Tenderers will apply for this tender. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in tender. The corresponding GIT clause numbers have also been indicated in the text below: In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

Sl No	GIT Clause No	Topic	Substitution / Replaced by
1.	7	Amendmnt to tender documents	2
2.	8	Pre-bid meeting	4.4
3.	9	Time limit for receiving request for clarification	4.3
4.	11	Tender Currency	INR
5.	12.7,12.8,12.9,12.10.12.11	ED,VAT,CST,OCTROI, LOCAL TAXES	1
6.	14	Firm/Variable Price	Rates quoted are not subject to any variation during the contractual period,
7.	18.3	Mode of submitting EMD	EMD amount is payable in the form of Electronic Transfer
8.	19	Tender Validity	120 days after the tender opening date
9.	20.4	Number of Copies of Tenders to be submitted	Tenders should be submitted in electronic mode only vide e tender.
10.	20.9	E-Procurement	E Tender
11.	35.2	Additional Factors for Evaluation of Offers	As specified. Prospective bidders should meet our tender conditions [Pre-qualification criteria] as well as should meet our required specifications.

1.TAXES: All Taxes should be as applicable in GST regime.

Payment of CGST, SGST, IGST, UTGST : The suppliers are required to adhere the following procedure in order to honour the payment against CGST, SGST, IGST, UTGST in the invoice.

- i) An invoice issued by successful bidder for goods or services or both as applicable should be in accordance with the provisions of Sec 31 of the CGST Act & should contain all the prescribed informations in accordance with Chapter VI of CGST rules 2017 .
- ii) A debit note issued if any, by a successful bidder should be in accordance with the provisions of Sec 34 of the CGST Act.
- iii) The successful bidder should mandatorily upload the aforementioned documents in respective GSTR, details of outward supplies of goods or services as applicable within the prescribed time under GST Act.
- iv) The successful bidder should provide the relevant documents to confirm the tax charged on the invoice has been paid to the credit of government after adjusting the ITC if any.

Notwithstanding the above, the supplier should provide indemnification as follows:

In the event of non-compliances with respect to GST Act & Rules by the successful bidder , the purchaser is allowed to adjust the GST amount from retention amount (either in BG or in cash) held by the company. If no amount is available for recovery, the successful bidder will refund the GST liability within 10 days from the date of GST reversal in GSTRN.

The above requirements are mandatory to claim any GST liability, failing which, the GST liability will not be paid /reimbursed/accepted.

2.0 Corrigendum/ Addendum, if any, including clarifications provided during pre-bid meeting/ or otherwise shall be hosted on Company's website ([www.bnpmindia.com](http://www.bnpmindia.com)) only.

3.0 The Company discourages the engagement of agents for brokering contracts and hence intending bidders are requested to take note of the above that engagement of agents for brokering contracts may result in dis-qualification.

#### 4.0 Important Dates-

- |                                                          |                        |
|----------------------------------------------------------|------------------------|
| 4.1 Final Date of submission of tenders-                 | 08.03.2018 :1500 Hours |
| 4.3 Last Date for bidders to request for clarifications- | 26.02.2018 :1700 Hours |
| 4.4 Pre-bid Meeting                                      | 27.02.2018 :1100 Hours |

#### 5.0 Performance Security-

(a) As per GCC.

b) Performance Security value is 10% of the contract value, which is to be submitted within 21 days of the notification of award. Work order will be issued after receipt of Performance security.

#### 6.0 Pre-Qualification for bidding-Refer Section 6IX 6Qualification Eligibility Criteria)

This is two part bid (Techno commercial with pre qualification and financial bid) .Prequalification & techno commercial evaluation will be carried out at first. The prequalification/Eligibility criteria are given in Section IX. The bidders to note that the bidders meeting all i.e. technical (Past experiercer), financial and other qualification criteria as mention in section IX will be considered as successful in PQB. The bidders are required to submit the documentary evidence for the same as specified in the section 6IX.

Price Bids of only qualified & technocommercially clereaed bidders will be opened. Price Bids will be evaluated on overall L1 basis (without GST).

**7. Site Inspection:** Tenderer may like to visit the site at their own cost and they may obtain all necessary information as to risks, contingencies and other circumstances which may influence or alter their tender before submitting the tender. The tenderers shall be deemed to have full knowledge of the work involved, whether they inspect it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

**8 Rights of Inspection/ Rejection/ distribution:** BNPMIPL reserves the right at their sole discretion and without assigning any reason thereof whatsoever, to Reject any or all tenders either in full or in part.

#### 9. SECURITY AND CONFIDENTIALITY

a) BNPMIPL is a security organization and the premise is declared as Prohibited Area by the Govt. of Karnataka. Hence the contractor has to abide by the security rules of the Company. The contractor has to ensure the character and antecedent of the persons deployed. The contractor has to carry out police verification of their drivers and submit the report at their own cost.

b) The Contractor shall inform the name, age and permanent addresses of the personnel deployed and give his complete bio data and certify his character. Also, you shall complete all the security formalities laid down by BNPMIPL, in this regard.

c) BNPMIPL reserves the right to get the antecedents of the employees of the contractor verified through police. Any employee of the contractor, if found as unsuitable or having doubtful integrity or associated with any other job, shall be removed from the premises at the risk and cost of the contractor. The contractor shall vouch for the integrity of its workers.

d) BNPMIPL shall be entitled to prevent a breach of the above and to damages in case of breach.

**10. ASSIGNMENTS AND SUBLETTING/SUB CONTRACTING:** The contractor shall not sub -contract the work to any sub- contractor without the prior approval of BNPMIPL.

**11. Legal Jurisdiction:** The court of Mysore (Karnataka State) only shall have jurisdiction to deal with and decide any legal matter of dispute whatsoever arising out of any Work orders placed by us/agreement entered into.

**12. Safety & Security Measures:**

- a) While applying for pass, contractor must enclose copy of address proof (Voters ID card or ration card or driving license or passport etc., for all the workers for which gate pass has been requested. The details shall be submitted in the prescribed format.
- b) The contractor , if required shall submit police verification certificate for good character / antecedents for all the workers/supervisor for complying Security formalities. This certificate or receipt of submission shall be submitted by the contractor. The same shall be submitted for workers/supervisors, who may be a replacement / addition, as the case may be. The cost of verification will be borne by the contractor.

**Following clauses in GIT are not applicable.**

SI No	GIT Clause No	Topic	Substitution / Replaced by
1	4	Eligible Goods and Services (Origin of Goods)	Not applicable
2	12.3 , 12.6	Tender Prices for Goods	Not applicable
3	32	Conversion of Tendirer Currencies to Indian Rupees	Not applicable
4	50	Rate Contract	Not applicable
5	52	Tenders involving Purchaser's and Pre-Production Samples	Not applicable
6	53	Expression of Interest (EOI) Tenders	Not Applicable
7	54	Tenders for Disposal of Scrap	Not Applicable
8	55	Development and indigenization Tenders	Not Applicable

*(To be signed & stamped and submitted along with the Technical-Commercial Bid -Part II)*

**Section IV: General Conditions of Contract (GCC)**

This section-IV shall be downloaded from website: [www.bnpmindia.com](http://www.bnpmindia.com) under the Section Corporate Actions and signed & stamped and submitted along with the Techno-Commercial Bid . Part II as acceptance of terms and conditions.



The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/substitute/supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

SI No	GCC Clause No	Topic	Substitution/ Replaced by
1	6.1	Performance Bond/ Security	1
2	8.2	Packing & Marking	Not Applicable
3	11	Safety auditation of Goods	Not Applicable
4	12	Insurance	Not Applicable
5	13	Spare Parts	Not Applicable
5	16	Warrantee Clause	Not Applicable
6	19.3	Option Clause	No Change
7	20.1	Price Adjustment Clause	Price should be firm & fixed upto the contract completion.o deviation is allowed.
8	21.2	Taxes and Duties	As applicable in GST regime
9	22	Payment Terms	3
11	36	Integrity Pact	Not Applicable
12	25.1	Bank Guarantee and Insurance for Material loaned to Contractor	Not applicable.
14	36	Disposal / Sale of Scrap by Tender	Not applicable

**1.0 Performance Bond/ Security:**

Within twenty one days after the issue of Letter of Intent/Notification of award of work by BNPM, the supplier shall furnish security deposit to BNPM for an amount equal to ten percent of the total value of the purchase order, valid upto 60 days after the date of completion of all contractual obligations by the supplier. Clause No. 6 of GCC refers in this regard.



**2.0 CONTRACT PRICE:** The contract price should be the basic price i.e professional fees for carrying out the Energy Audity as per the scope of work . Taxes will be extra as applicable in GST regime. All kinds of safety auditation , conveyance , fooding , lodging , , boarding , expenses towards preparation & submission of documets , presenation , necessary toll , tackles , machines are under the scope of the bidder only.

**3.0 PAYMENT TERMS :** 100% of invoice value against the order within 30 days after satisfactory receipt and acceptance of final report (as submitted by successful bidder) by BNPM officials on completion of the work of energy udit.

**4.0 STATUTORY DEDUCTIONS:** Statutory deductions shall be made at source as per prevailing rules.

**5.0 PERFORMANCE EVALUATION:** A Confidential performance Evaluation of the overall performance shall be done by the dealing official(s) of BNPMIPL on periodical basis & continuation of the contract shall be primarily depending upon their performance. The grading ABC shall be awarded based on the performance. In the performance is found to be Grade C at any point of time, the contract shall be terminated forthwith and the contractor shall be debarred from next tendering process aslo security deposit may be forfeited apart from blacklisting.

**6.0 COMPENSATION FOR DAMAGES:** The successful bidder shall be responsible for any damages to any person, tools & tackles, animal or property arising out of and incidental to the negligent or defective carryout of this contract. He shall also indemnify the BNPMIPL in respect of any costs, charges or expenses arising out of any claim or proceedings and also in respect of any award of compensation or damages arising there from. The BNPMIPL shall be entitled to deduct the amount of any damage, compensation, charges, costs and expenses arising or occurring from or in respect of, any such claims or damage from any or all sums due or to become due to the successful bidder without prejudice to the BNPMIPL's other rights in respect thereof.

**7.0 RESPONSIBILITY OF BIDDER:** The successful bidder shall provide everything necessary for the proper execution of the works according to the intent and meaning of the Scope of Work & Technical specifications and specifications taken together whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from. If that successful bidder finds any discrepancy in the Scope of Work & Technical specifications, he shall immediately and in writing refer the same to the BNPMIPL who shall decide which is to be followed.



**SCC**

**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: V

**SPECIAL CONDITIONS OF CONTRACT**

SHEET 3 OF 3

8.0 BNPMIPL reserves the right to apply suitable penalty in case the services are not rendered as per terms and conditions mentioned in the tender.

*(To be signed & stamped and submitted along with Techno-commercial Bid Part –II)*



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**Section VI: List of Requirements**

Conducting Comprehensive Energy Audit by Accredited Energy Auditors at Bank Note Paper Mill , Mysore , Complex as per the Technical Specifications & Scope of Work furnished in Section VII- TECHNICAL SPECIFICATION.



### SCOPE OF WORK & TECHNICAL SPECIFICATIONS

#### **A. Description of work / service:**

Engagement of Consultancy firm/ Energy Services company (ESCO)/ Energy Auditing firm/ Accredited Energy Auditor to provide consultancy services for conducting comprehensive energy Audit at Bank Note Paper Mill India Pvt Ltd, Mysore establishments /buildings/installations / premises etc. and preparation of Detailed Project Reports estimating energy saving potential along with clear baseline under Promotion of energy efficiency guidelines as per the Energy Conservation Act, 2001 by Bureau of Energy Efficiency

Selected bidder will carry out the Energy audit through following steps. Bidders may choose an appropriate methodology but the deliverables of the audit shall be similar

- a. Pre Audit Meeting with BNPM team and its purpose ó Resource planning for the energy audit team , Organizing the calibrated instruments & time frame for the audit , familiarization of process / plant activities , first hand observations , assessment of current level operations and practices
- b. Detailed Audit ó
  - a. Primary data gathering, Process Flow Diagrams, & Energy Utility Diagram
  - b. Conduct survey and monitoring
  - c. Conduct of detailed trials /experiments for selected energy guzzlers
  - d. Analysis of energy use
  - e. Identification and development of Energy Conservation opportunities
  - f. Cost benefit analysis
  - g. Reporting & Presentation to the BNPM Management
  - h. Assist and Implement Energy conservation recommendation measures and Monitor the performance
- c. Deliverables ó
 

The detailed Energy Audit Report should contain the following information but not limited to

  - a. Methodology adopted for the study.
  - b. Present energy consumption pattern / scenario of the Bank Note Paper Mill India Pvt Ltd, Mysore establishments /buildings/installations / premises etc. ( As per the scope of the project )
  - c. Energy Management Guidelines to monitor and sustain the savings identified.
  - d. 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

- e. Compilation of detailed report comprising of observations, recommendations with adequate financial justifications, bidder support data etc.
- f. All the data collected from the BNPM to be tabulated properly and submitted along with detailed report in the form of Soft copy and Hard Copy.
- g. Detail analysis of the data obtained through field visits, trial measurements/experiments by portable gadgets, discussion with concerned personnel etc.
- h. Data collection, information related to the equipment as per the suggestive template format provided by selected bidder.
- i. Recommendations for energy saving options in all possible areas with cost-benefit analysis.
- j. Presentation of the detailed report and data collected from the BNPM to be given to BNPM Officials before final submission to the BNPM.
- k. Bench marking for each activity
- l. Technical Specifications for any retrofit options
- m. Preparation of the technical specifications for all the proposed energy conservation measures, retrofit options, providing the necessary consultancy services, supervision & implementation of the proposals, monitoring the performance after implementation of the proposals shall also be the integral part of the audit works.
- n. List of suppliers / manufacturers of energy efficient technologies

### B. Scope of Work:

The following areas will be covered to identify Energy Conservation measures

- 1) Electricity supply & distribution system
- 2) Heating, ventilation & air conditioning (HVAC) system
- 3) Water & Effluent treatment plants
- 4) Boiler Plant & its auxiliaries like fuel system etc.
- 5) Compressed air system
- 6) Diesel Generator sets
- 7) Lighting System
- 8) UPS
- 9) Utility services like transport (Forklifts / Pallet trucks etc.), Workshop, Kitchen equipment etc.
- 10) Pulping Mill plant
- 11) Paper Machine Plant

Any other existing electrical system installations not mentioned above

#### 1.1 Electricity supply & distribution system

- a. Detailed examination of the existing energy use of the facility with break up.

- b. Measurement and analysis of demand and power factor, suggestions to reduce the demand and improve the power factor.
- c. Study and examination of use of electric energy, existing tariff system and cost balance with break up, billing break up.
- d. Assessment of electricity bills for the penalties imposed by the power supply agency for exceeding contract demand, delayed payment charges and non-maintenance of power factor and also the feasibility study for the reduction of the electricity bill charges
- e. Establish a baseline of energy consumption and identify major causes of low operating efficiency and recommended improvements / better operating practices.
- f. Study on Metering system and suggestion for improvement.
- g. Energy distribution break up on floor wise and Section / department wise
- h. Study on Voltage, Current, Power KW fluctuation and profiling and power quality issues like harmonics, current unbalance, voltage unbalance etc. with the help of power analyser.
- i. Measurement and analysis of Harmonics (up to 7th) as per standards (IEEE 519/IEC 61000 -3-2/3/4).
- j. Suggestion for reducing the network losses and to improve monitoring system.
- k. Performance evaluation of installed capacitors to ensure deliverance of desired output, level of losses, management of system power factor and operation of capacitors.
- l. Detailed examination of the existing earthing system of the plant and individual transformers earthing.
- m. Assessment of existing Maintenance Practices for equipment/system & records.
- n. To suggest improvement measures on the existing electrical system.
- o. Performance evaluation of motors - Power measurements (I, V, pf, KVA, and KW) & load survey (under / over loading) of all major motors (above 10 HP) will be studied for possible energy savings opportunities by the application of following items.
- p. Possibility of on /off control or Interlocking
- q. VFD feasibility
- r. Downsizing motors

**1.2 Heating, ventilation & air conditioning (HVAC) system**

- a. Detailed examination of the existing HVAC system & its auxiliaries
- b. Evaluation of operating Coefficient of Performance of Chillers
- c. Performance evaluation of DVRF system ( Blue Star Brand )
- d. Evaluation of specific energy consumption of Chiller.
- e. Estimation of actual tonnage and comparison of actual parameters with the design values, and corrective actions (like air and water flow balancing etc.)
- f. Performance Evaluation of chilled water pumping to optimize pumping power.
- g. Potential of reduction in chilling requirements in working stations.
- h. 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 etc.
- i. Estimation & Evaluation of cooling tower performance (Range, approach, and effectiveness) and comparing it with designed data.
- j. Measurement (Provisions must be available) and analysis of pump flow rate, pressure and power consumption with respect to rates/design conditions.
- k. Air Handling Units, Fresh Air Fans, Ventilation Units, Fan coil units etc.
- l. Measurement of airflow, RH, Tsa, Tra, Chilled Water Tin, Tout through cooling coil and energy consumption of AHUs
- m. Estimation of actual tonnage and Measurement of operating zone temperatures under each unit. Comparison of actual parameters with the design values.
- n. 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.

**1.3 Package/ precision Air Conditioners / Split or window air conditioners/ Central Air conditioner/ Cassette units / Hi- wall units**

- o. Identification and suggestions for performance improvement and energy saving potential.
- p. Estimation of actual tonnage and comparison of actual parameters with the design values and corrective actions.
- q. Measurement and analysis of selected units (10% of units) 24 hours profile to suggest measures for energy conservation.
- r. Package Air Conditioners: Measurement of power consumption, temperature profile under different duct able units.
- s. Measurement of airflow, RH, Tsa, Tra, chilled water Tin, T out, through cooling coil and energy consumption (Access must be available).
- t. Estimation of actual tonnage and Measurements of operating zone temperatures under each unit. Comparison of actual parameters with the design values.

- u. Feasibility of continuing with central Air-Conditioning system along with Split air conditioner.

#### 1.4 Water & Effluent treatment plants

- a. Reviewing the Storage, Pumping, various treatment processes involved and distribution systems of the water & effluent treatment plants
- b. Performance evaluation of the water & effluent treatment plants and comparing it with the designed data
- c. Compilation of detailed report for water & effluent treatment plants comprising of observations, recommendations with adequate financial justifications, bidder support data etc.

#### d. 1.5 Boiler Plant & its auxiliaries like fuel system

- e. Reviewing the operation of the Boilers ( Furnace Oil Based ) ,complete steam distribution system , piping & its auxiliary systems such as Fuel storage & pumping systems and various processes involved in the Boiler plant & its auxiliaries
- f. Performance evaluation of the Boiler plant & its auxiliaries which shall include determination of the boilers efficiency by indirect method , burner efficiency ,Boiler evaporation ratio , burner turn down ratio , blow down analysis , feed water treatment analysis etc. the and comparing it with the designed data
- g. Evaluate the utilization pattern of the steam, leakages in the system, feasibility for optimization of steam distribution etc.
- h. Compilation of detailed report for Boiler plant & its auxiliaries comprising of observations, recommendations with adequate financial justifications, bidder support data etc.

#### 1.6 Compressed Air system

- a. Reviewing the operation of the Oil lubricated Screw compressors of various capacities, complete compressed air distribution system, piping & its auxiliary systems like dryers, receivers etc. and various processes involved in the Compressed air system.
- b. Performance evaluation of the Compressed air system which shall include determination of FAD of air compressor by pump up method , compression ratio, specific power consumption , isothermal efficiency of the compressors and comparing it with the designed data
- c. Evaluate the utilization pattern of the compressed air, leakages in the system, feasibility for pressure optimization etc.
- d. Compilation of detailed report for Compressed air system comprising of observations, recommendations with adequate financial justifications, bidder support data etc.

- e. Explaining the possible energy conservations options like recovery of thermal energy etc.

### 1.7 Diesel Generator sets

- a. Review & performance assessment in terms of specific fuel consumption, efficiency of the engine sets and exploring of the energy conservation option in its operations
- b. Compilation of detailed report for Compressed air system comprising of observations, recommendations with adequate financial justifications, bidder support data etc.

### c. 1.8 Lighting System

- d. Examination of the lighting system in all the areas, floors, sections & measurement of illumination levels, etc. to improve lighting efficiency and optimizing lighting levels as per ECBC Standard & comparisons (ECBC-2006) published by Bureau of Energy Efficiency (BEE), Govt. of India.
- e. To look possibilities to reduce energy use by incorporating energy efficient lighting system, equipment and lay out changes.
- f. Study of operating electrical parameters like voltage etc. in the lighting circuit.
- g. Area lighting, Shed Lighting, Control Room lighting: Determine Installed Load efficacy & Installed load efficacy ratio (ILER). Study of the illumination system at the station and suggest measures for improvements wherever feasible.
- h. To study the installed lighting fixtures and accessories based on LED/ CFL Tubes etc. energy saving concept technology required for control room building and entry points/ gates, premises and required LUX level.

### 1.9 UPS

- a. 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).
- b. Measurement and analysis of exhaust fan operating parameters. Usage patterns, suggest measures for energy conservation.
- c. 1.10 Utility services like transport (Goods & Passenger lifts / Forklifts / EOT cranes etc.), Workshop equipment, Kitchen equipment etc.
- d. Examination of the existing kitchen equipment, measurement of power consumption etc. to improve efficiency and optimizing power consumption.
- e. To look possibilities to reduce energy use by incorporating energy efficient equipment in Kitchen & Workshop

- f. Study of operating electrical parameters like voltage etc. in the kitchen & Workshop equipment's power circuits.
- g. Review & performance assessment of existing Goods & Passenger lifts, fork lifts etc. and exploring of the energy conservation option in its operations.

#### 1.11. Pulping Mill

- a. Performance assessment of the Pulping mill & its auxiliaries and comparing it with the designed data
- b. Compilation of detailed report for Pulping Mill & its auxiliaries comprising of observations, recommendations with adequate financial justifications, bidder support data etc.
- c. Explaining the possible energy conservations options like recovery of thermal energy etc.
- d. Bench marking for all the major processes / activities /equipment involved in the Pulping Mill.

#### 1.12. Paper Machine Plant

- e. Performance assessment of the Paper Machine plant & its auxiliaries and comparing it with the designed data
- f. Compilation of detailed report for Paper Machine plant & its auxiliaries comprising of observations, recommendations with adequate financial justifications, bidder support data etc.
- g. Explaining the possible energy conservations options like recovery of thermal energy etc.
- h. Bench marking for all the major processes / activities /equipment involved in the Paper Machine plant

### C. General guidelines for various installations

#### 1. Pumps

- a. Determine hydraulic power, efficiency of motor driven pump.
- b. Prepare detailed energy audit performance evaluation of pumps at water pumping station by measuring suction and discharge head, power input and water flow etc.
- c. Evaluate the performance of the engine driven pumps including the study of the pumping and allied systems to evaluate their operational efficiencies and feasibility of reduction in the energy consumption, wherever feasible.

#### 2. Electric Motors & Motive Loads



- a. Study of loading & efficiency of motors.
- b. Performance parameters of motors, Economics of replacement of under loaded & inefficient motors
- c. The operations of main electric motors to be studied using appropriate instrumentation support to assess the loading pattern, Power Factor and other operational parameters. Also, study of the Mechanical Power Transmission Systems to be undertaken to evolve suitable recommendations wherever feasible for energy efficiency improvements
- d. Continuous recording of energy consumption, p.f., harmonics, maximum load, voltage etc. using Power Analyser for minimum 24 hours must be taken.

### 3. Transformers

- a. Study the loading % impedance and efficiency of all existing transformers.

### 4. Diesel Engines

- a. Determine the ratio of fuel consumption of Diesel Engines. Measurement of fuel consumption & efficiency of individual engines are to be undertaken.

### 5. EOT Cranes

- a. Performance assessment of EOT cranes & its accessories and comparing it with the designed data
- b. Compilation of detailed report for EOT cranes & its accessories comprising of observations, recommendations with adequate financial justifications, bidder support data etc.

### 6. Others

- a. Any other existing system no mentioned above.
- b. Study the Specific Energy Consumption of certain selected processes/equipment.
- c. Any other Electrical system available at BNPM premises will be under the scope of the Energy Audit and Energy Audit of the above system also to be carried out.

### D. Other Terms & Conditions

- a. The bidder has to identify the scope for energy conservation and will have to provide cost benefit analysis of identified energy conservation opportunity. Further any other services connected with the works usually and normally rendered by the Electrical Audit & Energy Management Service Company/Engineer/Architect, but not referred to herein above shall be in the scope of the bidder only.

- b. The entire recommendations should be backed up with techno economic calculations including the estimated investments required if any for implementation of the suggested measures and simple payback period.
- c. Submission of the technical specifications / write ups for all the proposed energy conservation measures / retrofit options for tendering purpose or in any other formats as required for BNPM and also providing Consultancy services for the finalization of the proposals with other vendors / suppliers etc., Supervision & Implementation of the proposals, monitoring the performance after implementation of the proposals shall in the scope of bidder only.
- d. Provision for all the instruments required for energy audit, like electrical power analyser, flue gas analyser, Lux meter, leak detectors, thermal imager, Ultrasonic flow meter (for liquid and gaseous fuel, water, natural gas), tachometer, thermometer(Infrared), leak detector meter , earth resistance testers , SPM meters , vibration monitors , bearing checkers , digital multimeters, clamp meters, meggers, Laser based distance meters etc. or all other instruments whichever required for the audit are in the scope of bidder.
- e. Submitting a proper PERTCHART / Bar Chart incorporating all the activities required for the completion of the work in time to BNPM Management. The programme / works should also include various stages of services to be provided by the bidder.
- f. The bidder shall take full responsibility for supervision and proper execution of works covered under the scope of contract. The work should be executed in through professional way & in true workmanship. The work will be carried out without hampering / disturbing day to day functioning of the BNPM. Any damage caused to BNPM machinery or any other assets inside BNPM premises by and any deliberate efforts to effect/hamper the production of the plant by the bidder or his/her team shall be made good or replaced at cost of the bidder only.
- g. The bidder shall be held responsible for any violation of statutory regulations local, state or central and BNPM instructions, that may endanger safety of men, equipment, material and environment in his scope of work or another bidder s or agency s. Cost of damages if any, to life and property arising out of such violation of statutory regulations and BNPM instructions, shall be borne by the bidder
- h. The bidder should conduct meeting weekly with BNPM Officials on the progress of work.
- i. Bidder shall have to submit the valid calibration certificate of the requisite instruments as stated in the point D.(d). before the start of work. In case validity of certificate expires during the pendency of audit jobs, bidder has to produce the revalidated certificates; otherwise they will not be allowed to carry out the energy audit job. Expenses in this regard, if any, shall have to be deemed to be included in the quoted price and no separate charge shall be paid for what so ever.

- j. The measuring instruments to be used for the audit jobs are to be suitable for use in hazardous atmosphere in fuel storage areas.
- k. The energy audit team must use safety gadgets i.e. safety boot, safety helmet, goggles, ear plug etc., inside the installations where energy audit shall be carried out. Bidder should ensure the safety of his work personnel while carrying out the audit job. Supply of all necessary safety gadgets are in the scope of bidder.
- l. The bidder personnel to be engaged in audit job shall have to obtain entry pass from BNPM Security & Safety department / Individual Section Heads authority for entering in BNPM secured areas / installations.
- m. The bidder may visit / inspect the BNPM installations at their own cost with prior permission of BNPM, if required, before submitting the offer.
- n. Bidder shall understand the complete scope of work before prior to participating in the tender by visiting the plant premises if required. Ignorance of the site shall not be accepted as basis for any claim / compensation. The submission of the tender by the bidder will be construed as evidence that such an examination was made and any falter claims/disputes in regard to price quoted shall not be entertained or considered.
- o. The expenses towards transportation of man & materials, data collection, accommodation (food & lodging) of personnel, local transport & travel, expenses towards draft & final report preparation, delivery & report presentation etc. will be in the scope of bidder.
- p. The bidder has to submit the draft Energy Audit reports within 2 weeks after carrying out Energy Audit of each installation/ building/premises or as advised by Head-Technical Audit and BNPM Management
- q. The audit jobs and audit reports should be to the satisfaction of BNPM. If any of the audit job/report is found to be unsatisfactory by BNPM, bidder has to rectify the same within the stipulated timeframe given by BNPM at their own cost.
- r.
1. After the audit jobs and draft audit reports found acceptable to BNPM, the bidder will be required to give presentation on the draft reports to BNPM Management within one week on intimation by BNPM.
  2. During presentation of the draft audit reports, if any modification is called for, the same has to be incorporated and a copy of final draft report incorporating the change(s) should be sent to BNPM before finalization of the report within a week.
  3. Six (6) sets of hard copies of final energy audit reports of each installation/ building/premises with proper binding should be submitted within 10 days from the date of acceptance by BNPM. Soft copies of all the audit reports must also be submitted.

4. The contract may be extended for a period of two more years by BNPM at the same rates, terms & conditions on mutual consent. The nature of areas for energy audit shall be in line with the original contract period and the total number of such installation /building shall be as per the earlier contract.
5. The load details given in Annexure 01 are only major equipment of the plant & are indicative only. However actual & complete load details shall be collected by the bidder and the sole responsibility in understanding the existing system / processes / collecting the load details in the plant lies with the bidder only.
6. The successful bidder shall mobilize all their resources including manpower and start the work at location mentioned in the tender within 2 weeks from the date of issuing work order.
7. The bidder shall familiarize themselves with and be governed by all laws and rules of India and Local statutes and orders and regulations applicable to his/her their work.
8. Period of completion of work:& LD : The entire audit works should be completed in 12 weeks from the date of issuance of work order /contract. If the bidder fails to maintain the required progress in terms of the agreed time & progress chart or to complete the work or extended date of completion , he /they shall , without prejudice to any other right or remedy available under the law<sup>3</sup> to the company on account of such breach , will pay Liquidated Damage at 0.5% percent o fthe contract price per week of delay . The aggregate of such compensation /compensations shall not exceed 10% of the total value of the work order./contract.
9. The successful bidder shall deploy only qualified & accredited / authorised energy auditors to conduct the energy audit.

*(To be signed & stamped and submitted along with Techno-commercial Bid Part –II)*

[Bidder shall fill the following format and submit along with Techno-commercial bid.]

**Annex - A 1**

**Declaration by Tenderer**

I hereby declare and confirm that all information whether written or verbal delivered by BNPMIPL, in connection with consignment (conducting energy audit) shall be kept in strict confidence by me. In case of any disclose/ divulge of information, I shall be held responsible for the same. BNPMIPL shall be entitled to take action against me for the breach of conduct /responsibility or confidence on my part.

Signature of Tenderer



The pre-qualification criteria for the same are given as under:

### 1. Minimum Eligibility criteria for Bidders :

I.The bidder must have accreditation certificate from BEE (accredited energy auditor) on the date of submission of Bid to conduct the energy audit. Corresponding documentary evidences are to be enclosed in pre qualification document along with other documentst as required.

II.Bidder must have carried out at least one assignment for comprehensive Energy Audit at Energy Intensive Industry in last 5 years for the period ending 31.01.2018. Corresponding documentary evidences are to be enclosed in pre qualification document along with other documentst as required.

III.The bidder must not be blacklisted by any central/state government/ Public sector undertaking in India

IV.Proofs/ documentary evidence of the above eligibility criterias of the firm/agency shall be submitted along with the bid.

### 2. Financial Standing:-

I. Bidder Firms should not have suffered any financial loss for more than one year during the last three years period ending 31.03.2017.

II. The net worth of the firm should not have eroded by more than 30% in the last three years period ending 31.03.2017. The network should not be in negative.

III. Average annual turnover of the bidder firm during last three years period ending 31-03-2017 should be more than Rs.3,00,000/- (Rupees Three Lakh Only).

Individual/ firm/ company/ corporate other than limited company intending to bid should be bonafide, experienced, technically competent, resourceful and financially sound to carry out the assigned order.

The bidder should be:-

- a) Registered under GST.
- b) Having valid permanent Income Tax A/c No. as allotted by the Income



- Tax Authority of Government of India.
- c) Not blacklisted/ debarred by BNPM/ Bharatiya Reserve Bank Note Mudran (P) Limited (BRBNMPL) / Security Printing & Minting Corporation of India Limited (SPMCIL) or any Govt. Departments
- d) The tenderer shall enclose a confidentiality statement duly signed and stamped as below.  
 "The information, which is contained in this document will not, in whole or in part be reproduced, transferred to other documents/electronic media or disclosed to others without written consent of BNPMIPL". Bidder shall also undertake to maintenance secrecy, exclusivity and confidentiality of the high security currency environment of BNPMIPL.

**(Bidder shall qualify for all the technical, financial and other pre-qualification criteria)**

**Note -1:**

All experience, past performance and capacity/ capability related/ data should be certified by the authorised signatory of the bidder firm. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder may be verified from the parties for whom work has been done.

**Scanned Documents to be submitted in support of Pre-qualification Criteria**

The following documents should be submitted by the firm to prove the pre-qualification criteria.

- a) Company's Profile including details along with copy of following documents:
- i. Certificate of Incorporation/ Registration
  - ii. Constitution of business, in case of business in individual name
  - iii. Partnership deed , in case of partnership
  - iv. Memorandum of Association and Articles of Association, in case of Limited company
  - v. Memorandum of Association by corporate other than Limited company
- b) In support of Experience/past performance copy of purchase order/ work order/ agreement and/ or work completion certificate issued by competent authority of the customer duly certified by authorised signatory.
- c) In support of financial standing copies, audited balance sheets and Profit & Loss account should be certified by authorised signatory. In case of unaudited balance sheet, same should be certified by certified

**QE****BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: I X

**Qualification /Eligibility Criteria**

SHEET 3 OF 4

- accountant's e.g. Chartered Accounts (CA) in India and Certified Public Accountant/ Chartered Accountants of other countries.
- d) Declaration that the firm has not been blacklisted/ debarred by BNPMIPL/ BRBNMPL /SPMCIL or any Govt. Departments during last three years duly signed by authorised signatory. (Annexure I)
  - e) Confidentiality statement duly signed and stamped as stated above 'e'.
  - f) Compliance Format (Annexure II)
  - g) Copies of PAN, GST and Professional Tax Certificates etc. to be submitted along with the bid.
  - h) List of previous work orders as per Annexure----
  - i) Any other relevant document the firm wishes to submit
  - j) All documents shall be submitted in English language only. Documents in language other than English shall be submitted along with copy of translation in English.**





**QE****BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: I X

**Qualification /Eligibility Criteria**

SHEET 4 OF 4

**Annexure****[To be enclosed with Part –I –]****List of similar energy audits carried out at other organization**

(As per the requirement mentioned in Section IX)

SI No	Name of the organization & address	PO/WO No & Date	Brief scope of work	Duration as per order	Work completion Date

Date: ( )

Place: Signature

Name of person signing

Name of Firm:

Seal:

*(To be filled, signed & stamped and submitted along with Pre-Qualification Bid Part –I)*

Bidder to furnish stipulated documents in support of qualifying criteria. Non-submission or incomplete submission of documents may lead to rejection of offer.



<b>TF</b>	<b>BANK NOTE PAPER MILL INDIA PRIVATE LIMITED</b>	SECTION: X
	<b>TENDER FORM</b>	SHEET 1 OF 1

To \_\_\_\_\_ Date \_\_\_\_\_

Bank Note Paper Mill India Private Limited  
 Corporate Office  
 Administrative Building, Paper Mill Compound  
 Note Mudran Nagar  
 Mysuru- 570 003

Ref: Your Tender document No.....dated.....

We, the undersigned have examined the above mentioned tender enquiry document, including amendment No. -----, dated ----- (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver..... (description of goods and services) in conformity with your above referred document for the sum as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V- "Special Conditions of Contract", for due performance of the contract.

We agree to keep our tender valid for acceptance for a period up to -----, as required in the GIT clause 19, read with modification, if any in Section-III -"Special Instructions to Tenderers" or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

(Signature with date)

(Name and designation)

Duly authorized to sign tender for and on behalf of

Bidder shall use this covering letter while submitting the offer.



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## PRICE SCHEDULE

SHEET 1 OF 2

## PROFORMA OF PRICE BID FOR CONDUCTING ENERGY AUDIT

**From Date:**M/s.  
-----  
-----**To**

The Managing Director  
BNPMIPL,  
Corporate Office,  
Administrative Building, Paper Mill Compound  
Note Mudran Nagar  
Mysuru  
Dear Sir,

**Sub: Price Bid for conducting Energy Audit**

**Ref: Your Tender Enquiry No. BNPM/ENERGY AUDIT/ 417/2017-18, Dated:**  
16.2.18

We have received your tender enquiry cited and we are pleased to enclose the following as our commercial bid for your kind consideration.

SI No	Description	Rate (INR)
1	Price for engaging the consultancy firm / Energy Services Company (ESCO) / Energy auditing firms for conducting comprehensive energy audit at Bank Note Paper Mill India Pvt Ltd, Mysore establishments/buildings/installations / premises.	
2	Total (in figures)	
3	Total in words	
4	Tax percentage	
5	Tax Value in figures	
6	Tax value in words	
	<b>Grand Total in Figures (2+5)</b>	
	<b>Grand Total (1+6) in Words</b>	



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**PS**

**PRICE SCHEDULE**

**The evaluation shall be carried out without GST.**



QUEST	<b>BANK NOTE PAPER MILL INDIA PRIVATE LIMITED</b>	SECTION: XII
	<b>QUESTIONNAIRE</b>	SHEET 1 OF 2

The Tenderer should answer all the specific questions as mentioned below

In case a question/ issue does not apply to a tenderer, the same should be answered with the remark "not applicable".

(To be submitted along with the Techno-commercial Bid)

The Tenderer should furnish specific answers to all the questions/ issues mentioned below. In case a question / issue do not apply to a tenderer, the same should be answered with the remark "not applicable". Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement. In case a tenderer furnishes a wrong or evasive answer against any of the under mentioned question / issues, its tender is liable to be ignored. In case a tenderer furnishes a wrong or evasive answer against any of the under mentioned question// issues, its tender will be liable to be ignored.

SI No	Query	Bidder response
1	Name of the Firm	
2	Contact Person	
3	Contact No	
4	Email Id	
5	Address for Correspondence	
6	Status of the firm	Proprietor / Partnership / Regd. Company
7	Income Tax P.A.N. No. ( copy to be submitted)	
8	Service tax registration certificate no. (copy to be enclosed)	
9	ESI & PF certificates ( copies to be submitted)	
10	IBA certificate / Recommendation	
11	Brief description and of goods and services offered:	
12	Offer is valid for acceptance up to	90 Days from the date of opening of tender
13	Are you currently registered with the Directorate General of Supplies & Disposals (DGS&D), New Delhi, and/ or the National Small Industries Corporation (NSIC), New Delhi, and/ or the present BRBNMPL and/ or the Directorate of Industries of the concerned State Government for the goods quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit imposed on your registration.	
14	Are you currently registered under the Indian Companies Act, 1956 or any other similar Act? (Please attach certified copy(s) of your registration status etc. in case your answer(s) to above queries is in affirmative.)	

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QUEST	<b>BANK NOTE PAPER MILL INDIA PRIVATE LIMITED</b>	SECTION: XII
	<b>QUESTIONNAIRE</b>	SHEET 2 OF 2

15	Please indicate name & full address of your Banker(s):	
16	Please state whether business dealings with you currently stand suspended/ banned by any Ministry / Deptt. of Government of India or by any State Govt.	
17	Whether Price Bid as per given format is filled, signed and kept separately	
18	Whether required EMD & cost of tender documents is submitted along with the tender	
19	We (name of the company) confirm that we abide by all the terms & conditions of this tender and we don't have any counter conditions	

o o o o o o o o o o o .

o o o o o o o o o o o o .

(Signature with date)

(Full name, Designation & address of the person duly authorised sign on behalf of the tenderer)

For and on behalf of

o o o o o o o o o o o ..

o o o o o o o o o o o ..

(Name, address and stamp of the tendering firm)

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**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: XIII

**BANK GUARANTEE FORM FOR EMD**

SHEET 1 OF 1

**NOT APPLICABLE**



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**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: XIV

**MANUFACTURER'S AUTHORIZATION FORM**

SHEET 1 OF 1

**Not Applicable.**



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**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: XV

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY**

SHEET 1 OF 1

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY**

o o o o o o o o .. (Insert: Bank's Name, and Address of Issuing Branch or Office)

Beneficiary:

Bank Note Paper Mill India Private Limited  
Corporate Office  
Administrative Building, Paper Mill Compound  
Note Mudran Nagar  
Mysuru- 570 003

Performance Guarantee No.:

Date: o o

WHEREAS.....(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of LOI (Letter of Intent) no..... dated ..... to supply (description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said LOI that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the LOI;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of..... (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand. We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

We undertake to pay Bank Note Paper Mill India Private Limited up to the above amount upon receipt of its first written demand, without Bank Note Paper Mill India Private Limited having to substantiate its demand.

This guarantee will remain in force for a period of sixty days after the currency of this contract and any demand in respect thereof should reach the Bank not later than the above date.

o o o o o o o o o o o o o o o o  
(Signature of the authorized officer of the Bank)  
Name, authorisation/ signature no. and designation of the officer  
Seal, name & address of the Bank and address of the Branch



ISSUE  
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	<b>BANK NOTE PAPER MILL INDIA PRIVATE LIMITED</b>	SECTION: XVI
<b>CF</b>	<b>CONTRACT FORM</b>	SHEET 1 OF 1

**NOT APPLICABLE**



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R0

	<b>BANK NOTE PAPER MILL INDIA PRIVATE LIMITED</b>	SECTION: XVII
<b>LOA</b>	<b>LETTER OF AUTHORITY FOR ATTENDING BID OPENING</b>	SHEET 1 OF 1

(Refer to clause 24.2 of GIT)

The General Manager  
Bank Note Paper Mill India Private Limited  
Corporate Office  
Administrative Building, Paper Mill Compound  
Note Mudran Nagar  
Mysuru- 570 003

**Subject: Authorization for attending bid opening on---- - --- (date) in the Tender of**  
õ õ õ õ õ ..

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf (Bidder) in order of preference given below.

Order of Preference	Name	Specimen Signatures
1.		
2.		
Alternate Representative		
Signature of Bidder or Officer authorised to sign the bid on behalf of Bidder		

Note:

1. Maximum of two representatives will be permitted to attend bid opening. In cases where it is restricted to one, first preference will be allowed. Alternate representative will be permitted when regular representatives are not able to attend.
2. Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not produced.



**SA**

**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

SECTION: XVIII

**SHIPPING ARRANGEMENTS FOR LINER CARGOES**

SHEET 1 OF 1

**NOT APPLICABLE**

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**BANK NOTE INDIA PAPER MILL PRIVATE LIMITED**

SECTION: XIX

**PROFORMA OF BILL FOR PAYMENTS**

SHEET 1 OF 5

**Section XIX Profrma of Bils For Payment**

**Not Applicable**



ISSUE  
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**APQ**

**BANK NOTE INDIA PAPER MILL PRIVATE LIMITED**

SECTION: XX

**APPLICATION – PRE QUALIFICATION**

ANNEXURE 6I  
SHEET 1 OF 2

To:

The General Manager  
Bank Note Paper Mill India Private Limited  
Corporate Office  
Administrative Building, Paper Mill Compound  
Note Mudran Nagar  
Mysuru- 570 003

I / We have read and understood the Pre-qualification tender notice and instructions to the applicants and apply herewith for pre-qualification. I / We furnish the information in the prescribed format including supplementary sheets from \_\_\_\_\_ for your consideration. I/We do declare that the information furnished is correct and true to the best of my/our knowledge and belief.

Yours faithfully

Signature \_\_\_\_\_

Name: \_\_\_\_\_

Designation \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Seal  
\_\_\_\_\_



ISSUE  
R0

## Profile of the Bidders

(Should be enclosed along with the Technical bid)

**1. Name of the Company / Firm:**

(Indicate the detail postal address for correspondence)

a. Address :

b. Telephone No. :

c. Fax No. :

d. E-mail Address:

e. Mobile No :

**2. Type of Firm:** : Govt Company/ Public Undertaking /Limited Company / Partnership / Joint stock / Pvt. Ownership

(In case of other specify the same and give the details of partners/ directors/ owners address with full contact nos.).

**3. Income Tax PAN**

*(Copy of PAN to be attached)*

**4. Valid IBA approved energy auditor certificate details:**

*(copy attached)*

**5. Previous Experience in energy audit:**

**Security materials**

*(Documentary evidence to be attached):*

**6. No. of employees employed :**

**7. Name of your Bank & Account No. :**

**8. Details of similar energy audits carried out earlier :**

*(Authorised Signatory of Energy auditor)*

Stamp of the Organization-----

**APQ**

**BANK NOTE INDIA PAPER MILL PRIVATE LIMITED**

SECTION: XX

**COMPLIANCE FORMAT**

ANNEXURE- II  
SHEET 1 OF 3

**(To be submitted on the letterhead)**

**DECLARATION**

We do hereby declare that we have not been blacklisted/ debarred by BNPMIPL/ BRBNMPL/ SPMCIL or any Govt. Departments during last three years. The information provided above is correct and true to the best of my knowledge and belief. In case, at any time the information furnished is found to be false, you may disqualify/ debar me/ us as deemed fit.

Signature \_\_\_\_\_

Name-----

Designation-----

Date-----

Stamp of the Organization-----



ISSUE  
R0



SI No.	Description		Offered (Yes/No)	Deviation if any
1	List or requirement	As per Secion VI- List of requireemnt	Yes	
2	Technical Specification	As per Section VII- Technical Specifications	Yes	
3	Price Bid	Price bid submitted exactly as per the prescribed format with no conditions /counter conditions.	Submitted	
4	Cost of Tender	Rs 1000	Electronic transfer	
5	EMD	EMD of Rs 20,000	Electronic transfer	
6	Payment Terms	Payment terms as per the tender conditions is accepted.	Yes	
7	Requireemnt of quantity	We understood that the requirement of quantity mentioned in the tender is only indicative and BRBNMPL reserves the right to increase or decrease the quantity depending upon their actual requirement.	Yes	
8	Customer Certificate/Documentary evidence in support of Technical pre-qualification criteria (Duly certified by signatory authority)		Enclosed/Not Enclosed	
9	Certified Copy of Audited Balance Sheet , Profit and loss accounts  FY 2016-17 FY 2015-16 FY 2014-15		Enclosed/Not Enclosed	

**APQ**

**BANK NOTE INDIA PAPER MILL PRIVATE LIMITED**

SECTION: XX

**COMPLIANCE FORMAT**

ANNEXURE- II  
SHEET 3 OF 3

10	Declaration that firm is not debarred/blacklisted/involved in ongoing litigations (Annexure 1)		Enclosed/Not Enclosed	
11	Accreditation certificate from BEE (accredited energy auditor)		Enclosed/Not Enclosed	

**Note-Techno-commercial bid with out Copies of documents in support of eligibility criteria etc. as mentioned in tender, EMD amount, cost of tender form, Profile of Bidder etc., is liable to be rejected.**

Signature \_\_\_\_\_

Name-----

Designation-----

Date-----

Stamp of the Organization-----



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**ACW**

**BANK NOTE INDIA PAPER MILL PRIVATE LIMITED**

SECTION XXI

**ADDITIONAL CONDITIONS OF WORKS CONTRACT**

SHEET 1 OF 1

**NOT APPLICABLE TO THIS TENDER DOCUMENT**



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**IP**

**BANK NOTE INDIA PAPER MILL PRIVATE LIMITED**

ANNEXURE- XXII

**INTEGRITY PACT**

SHEET 1 OF 1

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