

# **BHARAT HEAVY ELECTRICALS LIMITED BHEL ESTATE OFFICE**

**BHEL TOWNSHIP, SECTOR-17  
NOIDA- 201301**



## **TENDER DOCUMENTS**

**FOR**

**RENOVATION OF EXISTING COMMUNITY CENTRE, LWA & KALLIYAN SCHOOL  
IN BHEL TOWNSHIP, SECTOR-17, NOIDA**

**NIT No. 22:AA:NOI:ADMN.:Community Centre:112:2013-14  
Dated : 12.02.2014**

## **CONTENTS**

- 1- Notice Inviting Open Tender**
- 2- Techno commercial Bid – Part A**
- 3- Price Bid - Part B**

**LAST DATE FOR SUBMISSION: 05.03.2014 AT 15:00 Hrs.**



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

**Bharat Heavy Electricals Ltd.**

सम्पदा कार्यालय, सेक्टर -१७, नोएडा – २०१ ३०१ (यू.पी.), भारत

BHEL Township: Estate Office, Sector-17, Noida-201 301 (UP) INDIA

फोन (का.) 6740997, 6740993 फैक्स- 6740994 Tel :6740997, 6740993(Fax) 6740994

**NOTICE FOR INVITING OPEN TENDER**

Sealed tenders are invited in two parts bids for the following Work in BHEL Township, Sector-17, Noida.

**Name of Work** : **Renovation of Existing Community Centre, LWA & Kalliyam School in BHEL Township, Sector-17, NOIDA.**

**NIT No.** : 22:AA:NOI:ADMN.:Community Centre:112:2013-14  
Dated: 12.2.2014

**Period of Contract** : 90 days from the date of placement of order.

**Earnest Money** : Rs 60,000.00 (Rs 0.60 lakhs) **Tender Cost:** Nil

**DATE OF SUBMISSION & OPENING OF TENDER**

**Last date for submission of sealed tender at** : **05/03/2014 at 1500 Hrs.**  
**Estate Office, BHEL Township, Sector-17, Noida**

**Date of opening the tender** : **05/03/2014 at 1530 Hrs.**

**Venue for opening of Tender** : **Estate Office, BHEL Township**  
**Sector-17, Noida**

The Tender Document may be obtained from the office of Engineer (HR-TAX), Estate office, Sector-17, Noida free of cost or may be downloaded from BHEL web site ([www.bhel.com](http://www.bhel.com)) or from CPP portal (<http://eprocure.gov.in>). The sealed tender may be sent either by registered post/ Speed Post/ Courier Services or by hand in the office of Engineer (HR-TAX), between 9.00 AM to 5.30 PM on any working day latest by 05.03.2014 at 3:00 PM. In case of any clarification the bidder can contact undersigned on Tel. No.-0120-6740997, mobile No.-9953866199 or at e-mail: [ujjwal@bhel.in](mailto:ujjwal@bhel.in).

**(Ujjwal Tomar)**  
Engineer (HR-TAX)  
On behalf of "BHEL"

## PART 'A' – TECHNO- COMMERCIAL BID

### **A. INSTRUCTIONS FOR THE BIDDERS:**

1. The offer shall be submitted as per the instructions of tender document. Only one set of tender document duly signed & stamped on each page shall be submitted as detailed further. Tenderer should note specifically that all pages of tender document, including the NIT page for this particular tender shall be submitted by them (after signing/ stamping on each page) as a part of their offer. Price shall not be mentioned by them anywhere in the techno-commercial portion of offer, except in the relevant price bid and submitted in separate sealed envelope. In case of any clarification, bidder may contact this office.
2. Tender documents are also available on BHEL web site ([www.bhel.com](http://www.bhel.com)) & on CPP Portal (<http://eprocure.gov.in/cppp/>) which can be downloaded and used as tender document for submitting the bid.
3. All documents submitted by the Tenderer in his tender may be accompanied with a covering letter giving index interlinking all the documents.
4. No overwriting / correction in tender documents by tenderer shall be allowed. However if correction is unavoidable, the same must be signed.
5. Tender must be submitted in two parts, i.e., (i) Techno-Commercial Bid along with un-price bid (Annexure-E-1) and (ii) Price Bid. The tenderer must submit their tenders in three separate sealed envelopes prominently super scribed as 'EMD Deposit', Part – A 'Techno- commercial bid' and Part-B 'Price Bid' along with NIT No. & due date written on each of the envelope. These three separate envelopes shall together be kept in fourth envelop super scribed with name of Work, NIT No. & due date of opening.
6. Techno-commercial bid should contain all the documents in proof of Pre- qualifying criteria, signed tender document having NIT page, Instructions for tenderer, general conditions, Special Conditions, Contractor's Obligations, un-price bid, all the annexure duly filled & signed by the tenderer and the envelope containing EMD.
7. Bid without requisite Earnest Money (EMD) will not be considered.
8. The tenderer shall submit the Bank details along with a cancelled cheque for payment through NEFT/RTGS.
9. Price Bid should contain only the "Part-B, Price Bid Format" after quoting the rates as specified in the Price bid format.
10. Rate shall be quoted for each item inclusive of all taxes but exclusive of service tax which shall be quoted separately in same price bid format. Rates must be quoted in figures as well as in words.
11. On the date of opening of tender, only Techno-Commercial Bid shall alone be opened.
12. BHEL reserves the right to accept or reject any or all offers without assigning any reason thereof. Also BHEL shall not entertain any correspondence from bidders in this matter (except for the refund of EMD).
13. In case any typing error/other clerical errors is noticed by the tenderer, in the tender documents, the same must be pointed out and got clarified before submission of offer, or else, BHEL's interpretation shall prevail & shall be binding on the tenderer.
14. The Tenderer should accept all terms & conditions of the tender unconditionally. Tenders with deviations from terms and conditions are likely to be rejected.
15. Tenderers are requested to go through the scope of work, visit the site/location etc. and get fully acquainted with the work place and prevailing working conditions to get all their doubts clarified regarding the above work before submitting the offer. Engineer-in-charge's decision will be full and final in the event of any. Any queries regarding this tender may be clarified from Engineer (HR-TAX), on Telephone No. 0120-6740997 / mobile No.-9953866199 or e-mail : [ujjwal@bhel.in](mailto:ujjwal@bhel.in)
16. The tenderers or their representative may attend the opening of techno-commercial bid (Part-A) and the technically qualified tenderers or their representative may attend the opening of Price bid (Part B), if the so desire. The tenders (both the parts) shall be opened on schedule date & time even if the bidders or their representative are not present.

### **B. PRE QUALIFYING CRITERIA:**

- 1) **EMD of Rs. 60,000/- (Rupees Sixty Thousand)** only in the form of Pay Order or Demand Draft in favour of BHEL, payable at New Delhi, must be submitted in a separate envelope. **Tender not accompanied with EMD/ EMD submitted in any forms other than PO & DD will not be accepted.**
- 2) The bidder should have **PAN No., TIN Registration No., & Service Tax Registration No.**
- 3) The bidder's average annual financial turnover during the last three financial years ending 31<sup>st</sup> March'13 should be at least Rs **8.65 lakhs.**

- 4) The experience of having successfully completed similar Works (**Similar work shall mean execution of civil construction/ maintenance works of buildings/ flats**) during last 7 years ending on **31.1.2014** should be either of the following:-
- a) Three similar completed jobs/ services costing not less than Rs. **11.53 Lakhs** each.

Or

  - b) Two similar completed jobs/ services costing not less than Rs. **14.41 Lakhs** each.

Or

  - c) One similar completed jobs/ services costing not less than Rs. **23.10 Lakhs**.

5) **DOCUMENTS REQUIRED IN SUPPORT OF PRE-QUALIFYING REQUIREMENT:**

- a) **Complete tender document in all respects duly signed & stamped on each and every page as a token of acceptance of all the terms and conditions of tender.**
- b) Self-attested copies of Balance Sheet and Profits & Loss Account statements of last three financial years i.e. FY 2010-11, 2011-12 & 2012-13 (AY 2011-12, 2012-13 & 2013-14) duly verified by CA .
- c) Self-attested copies of acknowledgements of IT return of last three financial years i.e. FY 2010-11, 2011-12 & 2012-13 (AY 2011-12, 2012-13 & 2013-14).
- d) Self-attested copies of Work Orders/ Award letters along with certificates of completion in support of proof of experience for the works executed by the bidders during last 7 years ending on 31.1.2014. BHEL reserves the right to cross check the documents from the issuing department/ company.
- e) Self-attested copies of the **PAN card, Certificate of TIN No and Service Tax Registration No.**
- f) The Bidder must Submit a declaration (enclosed at Annexure –E3), that no case is pending with the police/ court against the proprietor/ firm/ partner or the company (Agency). As well as the bidder has not been suspended / blacklisted by any organization.
- g) No deviation certificate as per Annexure –E4 (enclosed) must be signed and stamped.
- h) Bidder must submit the technical details in the enclosed format (Annexure-E5).
- i) Bidder must submit the bidder's details in the enclosed format ( Annexure-E6)
- j) Bidder must submit the check list enclosed at annexure-E7 after duly filled and signed.

**C. GENERAL TERMS & CONDITIONS:-**

- 1) Tenders received late /in open condition/without EMD/ not meeting the tender condition / incomplete in any respect are likely to be rejected.
- 2) BHEL will not be responsible for the postal delay under any circumstances for non-receipt of Tenders by due date & time.
- 3) BHEL has the right to reject all or any of the tenders and accept any tender(s) irrespective of its / their being the lowest / highest.
- 4) If any information/ documents submitted by the tenderer are found false/fake at any stage, the tender will be cancelled and Earnest Money deposited (EMD) shall be forfeited.
- 5) The offer of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of the banned firms is available on BHEL web site **www.bhel.in**
- 6) The Tenderers are required to quote for the complete scope of work. Tenders for part of the work or incomplete in any respect are liable to be rejected.
- 7) Rates quoted by the bidder will be firm for the contract period or extended period of contract. No price variation and escalation due to increase in labour / material cost will be allowed.
- 8) The rates quoted by the bidder are deemed to be inclusive of all, cost of site clearance and any other incidental works required to complete the work and inclusive of all the taxes but excluding Service Tax. Service Tax shall be quoted extra in the same price bid format.
- 9) The rate should be indicated both in words and figures. All entries in the Tenders must be written in ink or typewritten. Over-writing should be avoided. Corrections, if any, should be attested with signature by the bidder.
- 10) **VALIDITY OF RATES: Validity of rates will be 90 days from the date of opening of the techno-commercial bid.**

- 11) **EVALUTION CRITERIA:** The criteria of evaluation of techno-commercial bids shall be on the basis of documents submitted by the tenderers. BHEL may finalize successful tenderer by either **opening of sealed price bid** or conducting **online Reverse Auction**. Date of opening of sealed Price Bid / conducting of online Reverse Auction will be intimated, by post or e-mail separately to the Tenderers who qualify in the Techno-Commercial bid. The decision of BHEL will be final in this regard. In case of opening of Price Bid, evaluation of bid will be on total cost to 'BHEL'. Evaluation of Price Bid will be done on overall L-1 rate inclusive all including Service tax (on Sl.No.-31 of Price Format). In case of tie between the rates of two or more bidders, the Snap bidding system will be followed to arrive the L-1 bidder.
- 12) **REVERSE AUCTION:** BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue. The Reverse Auction shall be conducted by a Service Provider (empanelled with BHEL) as per the Business Rules and Terms & Conditions enclosed at Annexure-E-2.
- 13) **CORRECTION OF ARITHMETIC ERRORS:** Provided that the bid is substantially responsive, BHEL shall correct arithmetical errors on the following basis:
  - a) 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, unless in the opinion of the BHEL there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected.
  - b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
  - c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
  - d) If any bidder does not accept the correction of errors, their bids are liable to be disqualified.
- 14) **CONTRACT AGREEMENT:** A contract agreement shall be signed before the start of work on a non-Judicial stamp paper of Rs 100/-. The contract agreement shall be deemed to have become effective from the forenoon of date of award, and will remain in force for a period 90 days and then after for maintenance period of 12 months. However, this Agreement may be terminated earlier by BHEL at any time by giving one month's notice to the Contractor due to any failure on the part of the contractor in discharging his obligations under the contract, without prejudice to the rights of BHEL to recover any money becoming due under this Agreement. In such a case, the Contractor shall not be entitled to any compensation thereof. The decision of BHEL about the failure on the part of the Contractor shall be final and binding on the Contractor.
- 15) **COMPLETION PERIOD:** The work completion period will be for 90 days. Entire work has to be completed within the contract period failing which liquidated damages (L.D.) will be imposed.
- 16) **QUANTITY VARIATION:** The quantity of any item mentioned in the BOQ may vary  $\pm 15\%$  during execution of work due to site requirement but the total executed value of work shall be within the budget.
- 17) **SUBLETING:** The Contractor shall not sublet, transfer or assign the full work or any part thereof to any other person/company/organization. In case it is found that the work has been subletted, the contract shall be terminated immediately & Security Deposit shall be forfeited.
- 18) The contractor should have **PF code number & ESI code number** before the start of work. However in case of not having any or both the documents, the contractor shall arrange & submit the documents before claiming first running bill.
- 19) Accommodation in any manner will not be provided to the workers of the contractor deployed in the execution of work.
- 20) The contractor will be responsible for the quality of the work and it is to be guaranteed for a period of one year from the date of actual completion of contract.

- 21) Period of guarantee/ maintenance shall mean the period of one year which will be calculated from the date of actual completion of the works certified by the Engineer-in-charge in accordance with conditions of the contract. The period of maintenance shall always be reckoned from the date of completion of the whole of the works as accepted / taken over by Engineer-in-charge.
- 22) **WATER & ELECTRICITY:** Water and electricity shall be supplied to the contractor by BHEL subject to the following conditions:-
- a) Water & Electricity shall be provided free of cost.
  - b) Contractor shall make his/ their own arrangement of water/ electricity connection and laying of pipelines/ connection from existing main of source of supply as directed by Engineer Incharge.
  - c) BHEL do not guaranty to maintain uninterrupted supply of water/ electricity and it will be incumbent on the contractor to make alternative arrangement for proper supply of the same at his/ their own cost in the event of any break down in the government water/ electricity mains so that the progress of his/ their work is not held up for the want of the same. No claim of damage or refund will be entertained on account of such break down.
- 23) **STORES AND MATERIALS ON SITE:**
- a) The contractor shall, during the progress of work, provide, erect and maintain at his own expense all necessary temporary work-shops, stores etc. required for the proper and efficient execution of work. The location & size of the store shall have the approval of the Engineer-in-Charge and the contractor shall at all times keep them tidy in a clean and sanitary condition to the entire satisfaction of the Engineer-in-Charge.
  - b) All materials for the work are to be deposited by the contractor only in places to be indicated by the Engineer-in-Charge.
  - c) The safety & security of the contractor's materials will be the responsibility of contractor himself. BHEL will not provide any compensation due to theft or loss of contractor's materials.
  - d) The stores provided by the contractor will not be utilized as the accommodation for the workers or for any other purpose.
  - e) Contractor will remove the temporary stores/ structure before claiming the final bill.
- 24) **PAYMENT TERMS:**
- a) Payment shall be made for the actual executed quantity of work after recording joint measurement on Measurement Book (MB) by Engineer-in-Charge.
  - b) Measurement shall be recorded in measurement book (MB) maintained by the Engineer-in-Charge who shall make entries regarding the work executed by the contractor under different items of bill of quantity (BOQ). These entries will be counter-signed by the contractor.
  - c) For measurement of work the norms of Indian Standards (IS) as mentioned in CPWD specifications for each items of work shall be followed.
  - d) Measurement shall be taken jointly by Engineer-in-Charge or his representative on the part of the BHEL & the contractor.
  - e) The contractor shall provide assistance with appliances and other things necessary for measurement without extra charge.
  - f) If the contractor / his representative fails to attend when required for measurement, the Engineer-in-Charge shall have power to proceed by himself to take measurements and in that case, these measurements shall be accepted by the contractor as final.
  - g) No advance payment or the payment for mobilization of work will be made to the contractor.
  - h) No payment shall be made for the work done without the permission of Engineer-in-Charge.
  - i) Running bills payment (If demanded by contractor) against the work executed shall be made to the contractor. However only one running bill will be accepted in a month.
  - j) The payment of final bill will be made only after obtaining certificate of satisfactory completion of the work by the Engineer-in-Charge, clearance of the site & clearance of all the liabilities on contractor's part. No claim will be entertained after signing the final bill.
  - k) Bills raised by the Contractor shall be certified by the official in-charge of BHEL and the payments will be made within 15 days by NEFT/RTGS from the date of receipt of in discrepant bill.
  - l) The contractor shall not be entitled to any interest with respect to any money which may be due to him from BHEL.
  - m) All payment will be subject to deduction of taxes at source as per rules.
  - n) Any tax incurred on purchase of materials by the contractor in respect of this contract shall be treated as included in the charges and BHEL will not entertain any additional claim whatsoever in this respect.

- o) The Service Tax shall be paid as per the quoted rate of Service Tax ( at Sl. No.- 30 of Price Format). No payment of Service Tax will be made if not quoted by the tenderer in the Price Format.

25) **PROGRESS OF WORK AND PENALTY FOR DELAY:**

- a) The project is time bound and works shall have to be carried out at desired pace throughout the execution period so as to complete the work in the stipulated time. For this, contractor shall have to submit bar chart within 15 days of issue of LOI with financial values for execution of the whole project. The schedule of work (Bar chart) shall be accepted by BHEL before signing the agreement.
- b) In case there is a delay attributable to contractor in completing the work in 90 days, L.D. will be imposed @ ½ % (i.e. 0.5 %) per week of delay. However the total penalty due to delay will be up to maximum 10% of total contract value. LD will be calculated on the total contract value.

26) **L.D. FOR BAD QUALITY OF WORK:** If the quality of work is not satisfactory, BHEL reserves the right to impose the LD up to maximum 10% of the contract value.

27) Tender LD i.e. for delay as well as quality is to be considered in TOTO i.e. total LD shall be 20% of the contract value.

28) Regular meeting (fortnightly or as decided by BHEL) shall be held between BHEL and contractor to review the issues related to progress, penalty, quality and any other aspect.

29) The contractor shall have to deploy sufficient number of skilled, semi-skilled and unskilled manpower for quality and timely completion of the work.

30) No excuses like hindrance because of extreme weather conditions, non-availability of labour and material etc. will be entertained for not completing the work in time.

31) All necessary precautions with respect to safety at site and environmental aspects and their impacts shall have to be taken by the contractor for activities performed by his workers.

32) In case of any dispute, the decision taken by BHEL Management will be final and binding on the contractor.

33) No party shall be permitted to tender for work in BHEL in which any of their near relatives is an employee connected with the award and execution of the contract. They shall also intimate the names of persons who are working with them in any capacity or subsequently employed by them and who are near relatives of any employee of the BHEL. Any violation of this condition which comes to the Notice of the BHEL after the contract is awarded will entitle the BHEL to treat the contractors as having committed a breach of contract and to exercise all the rights and remedies available to the BHEL on account thereof.

34) **EARNEST MONEY DEPOSIT ( EMD):**

1) **The EMD of Rs 60,000/- ( Rupees Sixty Thousand, only)** in the form of Pay order or Demand Draft in favour of “Bharat Heavy Electricals Ltd.”, payable at any scheduled Bank at Delhi will only be acceptable. Earnest Money is to be paid by each tenderer to ensure the tenderer does not refuse to execute the Work after it is awarded to him.

2) EMD of the tenderer will be forfeited if:

a) After opening of the tender the tenderer revokes his tender within the validity period or increase his earlier quoted rates.

b) The tenderer does not commence the Work within the period as per LOI/ Contract.

3) EMD given by all unsuccessful tenderers shall be refunded normally within 15 days of acceptance of award of work by the successful tenderer.

4) EMD shall not carry any interest.

35) **SECURITY DEPOSIT:**

a) The security deposit shall be collected from the successful tenderer. The rate of Security Deposit will be as below :

**Upto Rs. 10 lakhs : 10% of work order value**

**Above Rs. 10 lakhs & upto Rs. 50 lakhs: Rs. 1 Lakh + 7.5 % of the amount exceeding 10 lakhs**

**Above Rs. 50 lakhs: Rs 4 lakhs + 5% of amount exceeding Rs 50 lakhs**

The security deposit should be collected before start of work by the contractor.

b) Security deposit may be furnished in any one of the following forms:

i) Cash ( as permissible under the Income Tax Act)

ii) Pay order / demand draft in favour of BHEL.

iii) Local cheques of schedule banks, subject to realization.

- iv) Securities available from Post Offices such as National Saving Certificates, Kisan Vikas Patras etc. (Certificate should be held in the name of the contractor furnishing the security and duly pledged in favour of BHEL and discharged on the back).
  - v) Bank Guarantee from Schedule Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
  - vi) Fixed deposit Receipt issued by Schedule Banks/ Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of the contractor, A/C BHEL, duly discharged on the back.
  - vii) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be deposited before start of the work and balance 50% may be recovered from the running bills.
  - viii) EMD of the successful bidder shall be converted & adjusted against the security deposit, if so desired by the successful tenderer .
  - ix) The Security Deposit shall not carry any interest.  
(Acceptance of Security Deposit against Sl.No. (iv) & (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith).
- c) The security deposit will be released only after completion of Guarantee/ Maintenance period of **one year** from the date of actual completion of work.
  - d) Failure to pay the security deposit shall be treated as failure to discharge the duties under the contract and shall result in cancellation of the contract and the contractor shall be liable to compensate BHEL for any losses incurred by BHEL. BHEL reserves the right to appropriate any part / whole of the amount of the security deposit without prejudice to other claims against the contractor for losses suffered by BHEL due to failures on the part of the contractor, due to termination of contract or contractor becoming disqualified because of liquidation / insolvency. The decision of BHEL in respect of such losses, damages, charges, expenses or costs, shall be final and binding to the contractor.
- 36) **TERMINATION OF CONTRACT ON DEATH:** Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the accepting officer shall have the option of terminating the contract without compensation to the contractor's survivors.
- 37) **RECOVERY FROM CONTRACTOR:** Whenever under the contract, any sum of money shall be recoverable from or payable by the contractor, the same may be deducted from any sum then due or which at any time thereafter may become due to the contractor under the contract or under any other contract with BHEL or from his security deposit, or the contractor shall pay the claim on demand without any terms & conditions.
- 38) **POST TECHNICAL AUDIT OF WORK AND BILLS:** BHEL reserves the right to carry out a post payment audit and technical examination of the work and final bill including all supporting vouchers, abstracts etc. and to enforce recovery of any sums becoming due as a result thereof in the manner provided into the proceeding sub-paragraph provided however, that no such recovery shall be enforced after three years of passing the final bill.
- 39) **ARBITRATION / CONCILIATION:** In the event of any dispute arising between the parties hereafter referred as BHEL and Contractor in respect of or connected with this contract, General & Special terms & conditions of tender, then the same shall be referred to Arbitration and Arbitrator will be nominated by the Head of Administration of BHEL Corp. Office, New Delhi, whose decision shall be final and binding on both the parties. However, any differences or doubt pertaining to meaning/ interpretation of any phrase word used in terms or in the schedule of services, their nature and manner of rendering of such services shall be the excepted matter and be referred to the Head of Administration of BHEL Corp. Office, New Delhi, whose decision shall be the final and binding. The provisions of Arbitration and Conciliation Act, 1996 or any statutory modification and re-enactment thereof will apply to such arbitration provided however, in all matters the venue of proceedings will be Delhi and only Delhi or appropriate Courts will have jurisdiction over the same.
- 40) **RISK CLAUSE:** BHEL reserves the right to terminate the contract due to any failure on the part of the Contractor in discharging his obligations under the contract or in the event of his becoming insolvent or going into liquidation. The decision of the BHEL about the failure on the part of the Contractor shall be final and binding on the Contractor. In the event of any failure on the part of the Contractor, BHEL shall have the right without any prejudice to get the work done through any other alternate agency at the risk and cost of Contractor. The additional cost including loss, if any incurred by BHEL will be recovered from the Contractor.

**D. SPECIAL TERMS & CONDITIONS RELATED TO THE SUBJECT WORK:**

- 1) The subject work shall be carried out up to the satisfaction of Engineer-in-charge.
- 2) The work will be carried out as per BOQ enclosed and as per latest CPWD Specifications for all the works. In case of any doubt regarding the specification and its quality of work, Engineer in Charge's clarification and decision will be final and binding on the contractor.
- 3) All the materials shall be arranged by the contractor. No materials shall be issued from BHEL.
- 4) All tools and tackles required for proper completion of work shall be arranged by contractor.
- 5) After completion of the work in a building the contractor will remove all unwanted material/ rubbish from the site with no extra claim.
- 6) Proper curing of all the cement work as per specifications shall be done by contractor on no extra claim.
- 7) **CARE OF BUILDINGS:** Care shall be taken by the contractor to avoid damage to the existing buildings during execution of work. He shall be responsible for repairing all the damages and restoring the same to their original finish at his cost. He shall also remove at his costs all unwanted and waste materials arising out of his work from the site.
- 8) **QUALITY OF MATERIALS:** All materials supplied by the contractor shall be new. They shall be such design, size and materials as given in BOQ and to satisfactorily function.
- 9) **INSPECTION OF MATERIALS:** All the materials delivered by the contractor at site shall be inspected and verified by Engineer-in-charge before use.
- 10) **WORKMANSHIP:** Good workmanship is an essential requirement to be complied with. The entire work shall conform to sound engineering practice. In case of bad workmanship re-work will be done by the contractor on no extra claim
- 11) **SUPERVISION OF WORK:** The contractor will deploy sufficient numbers of Supervisors/ Engineers of appropriate qualification and experience to ensure proper execution of work. They will carry out instructions of Engineer-in-charge and other senior officers of BHEL during the progress of work.
- 12) **GUARANTEE / MAINTENANCE PERIOD:** The work shall be guaranteed against any inferior quality/ workmanship. The guarantee / maintenance period will be for a period of **12 months** from the date of actual completion of contract. The full Security Deposit (SD) amount shall be retained for the guarantee/ maintenance period and it shall be released after satisfactory carrying out all rectification/ repaired works as informed by the Engineer-in-charge. In case of not attending any rectification/ repairing work by the contractor, the rectification work will be carried out by any outside agency and recovery will be done from the contractor.

**E. CONTRACTOR'S OBLIGATION:**

- 1) Contractor shall supervise the Work allotted to him to be carried out by his workforce. The contractor shall visit the site every day to ensure the work is carried out in fast pace for completion within schedule time.
- 2) Contractor to ensure that the workforce deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc.
- 3) The workforce deployed by the contractor shall be hail and healthy and should not be suffering from any communicable diseases.
- 4) Contractor to accept full and exclusive liability for the wages, Allowances, PF, ESI, for the workforce deployed by the contractor and other obligation referred under the law at present and any future taxes imposed by the Government / Local Bodies.
- 5) BHEL will have no liability whatsoever concerning the persons deployed by the contractor for the purpose. The contractor shall keep the Company indemnified against all losses or damages or liability arising out of or imposed in the course of employment of persons by the contractor.
- 6) Statutory requirement of the local authority / State Govt. / Central Govt. shall be responsibility of the contractor.

- 7) The contractor will be solely responsible for any unlawful act of their workforce while on duty. In case of theft or loss of Company's property take place due to the negligence or carelessness of workforce, the contractor will be responsible and shall make good of the same.
- 8) The Contractor shall duly comply with all acts, laws, or other statutory rules, regulations, bye-laws applicable or which might be applicable to with regard to the performance of the contract included herein or concerning this Agreement but not limited to Minimum Wages Act- 1948, Contract Labour (Regulation & Abolition) Act, 1970, Industrial Dispute Act, 1947, Workmen's Compensation Act 1923, Employees' State Insurance Act 1948 (to the extent as may be applicable, if any), Employees' Provident Fund and Misc. Provisions Act, 1952 and the amendments made thereafter to these Acts / Laws and from time to time take such steps as may be deemed necessary in this regard. The Contractor shall keep the Company Indemnified against all penalties, claims and liabilities of every kind under or for any violation of such acts, laws or regulations etc. by him or his workers.
- 9) In case, while on duty and during the course of engagement in work premises of the Company under this Agreement, if any of the Contractor's workforce suffers with any injury / indisposition due to accident or other natural calamities, the Contractor shall ensure that immediate and adequate medical aid viz., first - aid and subsequent treatment facilities are provided to the person(s) concerned free of cost without fail. In addition, the Contractor shall also be liable for meeting with statutory liabilities like ESI etc. in respect to his workers.
- 10) The Contractor shall be fully responsible for the timely payment of wages, Allowances, Bonus or any other benefits payable under the aforesaid Acts, Laws and regulations to the workforce engaged by him at the work premises of the Company. Contractor shall also be fully responsible for timely deposit of PF and ESI with the appropriate authority including submission of return of PF & ESI and issue of PF slip issued by the PF Authority. The Company shall not be responsible for these payments or any other liability on this account. The Contractor shall also indemnify and compensate the Company for any liability incurred by the Company, if any, including costs incurred thereon. In that event the nominated officer of the Company shall be entitled to recover the amount so paid, from the contractor, including forfeiture of the Security Deposit; and, if the sum so payable and / the Security Deposit is less than the Company's claim, it shall be lawful for the Company to recover the balance amount as a debt from the Contractor.
- 11) The Contractor shall indemnify and compensate the Company, if the Company as Principal Employer under the Contract Labour (Regulation and Abolition) Act, 1970 becomes liable to assume any liability towards the workforce engaged by the contractor. In that event, the provisions relating to recover as provided in relevant clauses of the said Act shall be applicable in Toto.
- 12) The Contractor shall be held responsible for any damage / loss to the work premises /or the properties of the Company (i.e. missing or broken fittings, equipments, furniture etc. and loss of such things) caused due to the negligence of his work force and shall have to replace the same at his own cost. The decision of the Engineer-in-charge shall be final and binding on the Contractor.
- 13) The contractor shall hand over a copy of all legal and statutory documents and records to BHEL for fulfilling any future requirement with the statutory authority.
- 14) The contractor shall abide by all the rules / regulations / status imposed by the Govt. or other concerned authorities. The contractor will be responsible for workmen's compensation & other requirements of local Municipalities / Govt. or any other law regulating bodies
- 15) Contractor to maintain appropriate records of his employees deployed to carry out the job (s).
- 16) Contractor to get all his employees insured against all type of risks at his own cost.
- 17) Contractor to ensure that all precautions are taken for safety of his employees and equipments.
- 18) In the event of termination of contract for any reason whatsoever, the contractor shall withdraw all his employees from the site of BHEL. In case contractor decides to terminate services of his employees, he should settle all terminal dues including retrenchment compensation.
- 19) The successful tenderer must comply to all statutory labour law regulations applicable to this contract like minimum wages act, timely payment of wages etc. including taking of insurance cover etc. for workers employed for this contract. Any obligation on account of the above will be the liability of the successful tenderer.
- 20) In case of any objection from any statutory / local authority, the contractor has to liaison with them for smooth progress of work.
- 21) The Contractor shall ensure proper conduct and behavior of the workforce engaged by him on the site and shall remove with immediate effect, the engagement of such person(s) who does/do not conduct himself / themselves properly or misbehave(s) with the residents of township or the staff of Estate office.

**UN- PRICE BID**

Name of Work : Renovation of Existing Community Centre, LWA & Kalliyam School in BHEL Township, Sector-17, NOIDA.

NIT No. : 22:AA:NOI:ADMN.:Community Centre:112:2013-4 Dated: 12.02.2014

Period of Completion : 90 days from the date of placement of order.

S. No	Description of Item	Unit	Qty.	Rate in Words (Rs)	Rate in Figure (Rs)	Amount (Rs)
1	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid, including,cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with	Sqm.	420.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXX

	12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge.					
2	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick	Sqm	480.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
3	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	Sqm.	440.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	Sqm.	487.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
5	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm.	600.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

6	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm.	600.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
7	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :With cement mortar 1:4 (1cement: 4 coarse sand)	Sqm.	150.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
8	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm.	600.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
9	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	Sqm.	6.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
10	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge. In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	Sqm.	41.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
11	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	Sqm.	100.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

12	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm.	5.00	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
13	Point wiring in PVC conduit, with modular type switch : Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq. mm. FR PVC insulated copper conductor single core cable etc. as required.. For Group B. Cable make - Havells/Polycable/Anchor/L&T or Finolex	Points	90	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
14	Circuit/Sub-main wiring in PVC conduit: Wiring for circuit/ submain wiring along with earth wire with 2X4 sq. mm+ 1X4sq. mm earth wire of PVC insulated copper conductor, single core cable in surface/recessed PVC conduit as required. Cable make - Havells/Polycable/Anchor/L&T or Finolex	mtr	650	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
15	Supplying and fixing 12 Way ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, with provision of 100 amps TP 16 KA MCCB as incomer, interconnection between incomer MCCB and bus bars (but without MCB's/ MCCB) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required) Way TP. Hager/Havells/L&T or ABB make	each	1	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
16	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts,"C" curve, miniature circuit breaker suitable for inductive load of Single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required. Hager/Havells/L&T or ABB make	each	40	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

17	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Anchor or Havells make.	each	40	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
18	Supplying and fixing 5/6 amps switch modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Anchor or Havells make.	each	10	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
19	Supplying and fixing 15/16 amp switch modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Anchor or Havells make.	each	10	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
20	Supplying and fixing 3 pin 5/6 amp socket outlet modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Anchor or Havells make.	each	10	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
21	Supplying and fixing 6 pin 15/16 amp socket outlet modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Anchor or Havells make.	each	10	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
22	Supplying and fixing stepped type electronic fan regulator on existing modular plate switch box including connections but excluding modular plate etc. Anchor or Havells make.	each	20	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
23	Supplying of wall mounted 400 mm sweep swing platina fan, complete with all accessories including connection etc. as required. Havel's or Crompton Make	each	15	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
24	Supplying and fixing of wall mounted 600 mm sweep heavy duty air circulator turbo force fan, complete with all accessories including connection etc. as required. Havel's Make	each	20	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
25	Supplying , 2x18W Recessed DL COMBO WITH EB & PATTERN GLASS down lighter , di-cast Al. ring & detachable electronic gear tray, model no-LHOC85218354 HAVEL'S MAKE	each	55	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
26	Supplying and fixing of MHL WALL WASHER DL 24 Recessed downlighter with swivel arrangement for Metal Halide Double Ended lamp. 1x150W MH DE, model no-LHOM24115399 Asy. Wall Washer Havel's make	each	2	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX



**BUSINESS RULES FOR REVERSE AUCTION**  
**GENERAL TERMS AND CONDITIONS OF REVERSE AUCTION**

Against this Enquiry for the subject work with detailed scope of work as per our specification, Estate Office BHEL Township, Sector-17, Noida may resort to “ONLINE REVERSE AUCTION PROCEDURE” i.e. **ONLINE BIDDING on INTERNET.**

1. For the proposed Reverse Auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on Internet.
3. BHEL will inform the vendors/ contractors in writing in case Reverse Auction, the details of service provider to enable them to contact and get trained.
4. Business rules like event date, time, start price, bid decrement, extensions, etc. also will be communicated through service provider for compliance.
5. Vendors have to email a scanned copy of the Process Compliance Form (**Annexure II**) in the prescribed format (provided by service provider) before start of Online Initial Sealed Bid. Without this form, the vendor will not be eligible to participate in the event.
6. Reverse Auction will be conducted on schedule date & time.
7. At the end of Reverse Auction event, the lowest bidder value will be known on the network.
8. The lowest bidder has to email a scanned copy of the duly signed filled-in prescribed format as provided on case-to-case basis to BHEL through service provider within 24 hours of auction without fail.
9. The lowest bidder has to email a scanned copy of the price break-up duly signed filled in prescribed format **Annexure-III** to BHEL through service provider within 24 hours of the Reverse Auction without fail.
10. Any variation between the on-line bid value and signed document will be considered as sabotaging the tender process and will invite disqualification of vender to conduct business with BHEL as per prevailing procedure.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the price bids and price impacts, if any already submitted and available with BHEL shall be opened as per BHEL standard practice.
12. Only those vendors, who participate in the Online Initial Sealed Bid, will be eligible to participate in the subsequent Online English Reverse Auction.
13. **The Reverse Auction will be treated as closed only when the bidding process gets closed in all respects for the item listed in the tender.**

## Business Rules for finalization of the Tender

BHEL shall finalize the work contract against this Tender through Reverse Auction mode. BHEL has made arrangement with a **Service Provider**, who shall be BHEL's authorized service provider for the same. Please go through the guidelines given below and submit your acceptance to the same along with your Commercial Bid.

1. Computerized Reverse Auction shall be conducted by BHEL, on pre-specified date, while the vendors shall be quoting from their own offices/ place of their choice. Internet connectivity shall have to be ensured by vendors themselves. In extreme case of failure of Internet connectivity, (due to any reason whatsoever may be) it is the bidders' responsibility / decision to send fax communication immediately to **Service Provider**. Furnishing the price the bidder wants to bid online with a request to the service provider to upload the faxed price on line so that the service provider will up load that price on line on behalf of the Bidder. It shall be noted clearly that the concerned bidder communicating this price to service provider has to solely ensure that the fax message is received by the service provider in a readable / legible form and also the Bidder should simultaneously check up with service provider about the clear receipt of the price faxed. It shall also be clearly understood that the bidder shall be at liberty to send such fax communications of prices to be up loaded by the service provider only within the closure of Bid time and under no circumstance it shall be allowed beyond the closure of Bid time / Reverse Auction. It shall also be noted that the service provider should be given a reasonable required time by the bidders, to upload such prices online and if such required time is not available at the disposal of the Service provider at the time of receipt of the fax message from the bidders, the service provider will not be uploading the prices and either BHEL or the service provider are not responsible for this unforeseen circumstances. In order to ward-off such contingent situation bidders are requested to make all the necessary arrangements/ alternatives whatever required so that they are able to circumvent such situation and still be able to participate in the Reverse Auction successfully. Failure of power at the premises of vendors during the Reverse Auction cannot be the cause for not participating in the Reverse Auction. On account of this, the time for the auction cannot be extended and neither BHEL nor Service Provider is responsible for such eventualities.
2. **Service Provider** shall arrange to train your nominated person (s), without any cost to you. They shall also explain you, all the Rules related to the Reverse Auction / Business Rules Document to be adopted along with bid manual. You are required to give your compliance on it before start of bid process.
3. **ITEM FOR BID:** Total price quoted for this tender including Service Tax.
4. **STARTING BID/ BID DECREMENT:** The opening price of the RA and the bid decrement value shall be available to the bidders before 05 minutes of the start of the auction and same shall be displayed on the auction website.
5. **BIDDING CURRENCY AND UNIT OF MEASUREMENT:** Bidding and evaluation will be conducted in **Indian Rupees (INR)** of the item. The price bid placed during the "Sealed Bid Auction" as well as "Reverse Auction" shall be the gross total amount inclusive of all including Service Tax as per price bid format (**Annexure-I**).
6. **BID PRICE:** The Bidder has to quote the grand total amount for the items specified in the price bid format enclosed at Annexure-I.
7. **VALIDITY OF BIDS:** The Bid price shall be firm for a period of 60 days and shall not be subjected to any change whatsoever. At the end of the Reverse Auction, bidder has to provide a detailed break-up (as per BHEL's price bid sheet) for his lowest offer within 24 hours of the Reverse Auction.
8. **Procedure of Reverse Auctioning:**
  - i. **Online Initial Sealed Bid:** The opening bid (In the initial auction) of the bidders shall place a bid which shall be same as that quoted in their Final Sealed price submitted to BHEL or lesser. The bidders shall confirm in writing to BHEL that their opening bid shall be same as that quoted in their final sealed price bid submitted. If it is found to be otherwise at a later date, the bidder will be disqualified from the tender.
  - ii. **Online English Reverse (no ties) Auction {Reverse Auction}:** BHEL will declare its **Opening Price (OP)**, which shall be visible to the all vendors during the start of the Reverse Auction. You will be required to start bidding after announcement of Opening Price and decrement amount. Also, please note that the start price of an item in online Reverse Auction is open to all the participating bidders. Any bidder can start bidding, in the online Reverse Auction, from the start price itself. If the start price is your own price, you still need to bid in the online Reverse Auction. Also, please note that the first online bid that comes in the system during the online Reverse Auction can be equal to the auction's start price, or lesser than the auction's start price by one decrement, or lesser than the auction's start price by multiples of decrement. The second online bid and onwards will have to be lesser than the L1 rate by one decrement value, or lesser than the L1 rate by multiples of the decrement value.

- iii. Those vendors who have participated in the Initial Sealed Bid Auction, will only be eligible to participate in the subsequent English Reverse Auction.
  - iv. Online Initial Sealed Bid will be for **30 minutes** and Online English Reverse (no ties) Auction shall be for a **period of one hour**. If a bidder places a bid in the last 10 minutes of closing of the Reverse Auction and if that bid gets accepted, then the auction's duration shall get extended automatically for another 10 minutes, for the entire auction (i.e. for all the items in the auction), from the time that bid comes in. Please note that the auto-extension will take place only if a bid comes in those last 10 minutes and if that bid gets accepted. If the bid does not get accepted, the auto-extension will not take place even if that bid might have come in the last 10 minutes. In case, there is no bid in the last 10 minutes of closing of Reverse Auction, the auction shall get closed automatically without any extension. However, vendors are advised not to wait till the last minute or last few seconds to enter their bid during the auto-extension period to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.
  - v. The bid decrement amount shall be specified by BHEL before start of bidding.
  - vi. Any commercial loading shall be intimated to bidders in advance and it shall be added to price during dynamic auction process. For evaluation purpose, commercial loading if any, shall be added to the quoted price of respective bidder. However for ordering only the final bid placed by you shall be considered.
  - vii. After the completion of English Reverse (no ties), the **Closing Price (CP)** shall be available. In case, any commercial loading was made to L1 bidder's price, it shall be de-loaded from the closing price of L1 bidder (**CP**) for further processing.
  - viii. The ratio of CP and originally quoted price shall be applied on all elements of originally quoted prices to arrive at the final price break up.
9. Successful vendor shall be required to submit the final prices, quoted during the English Reverse (no ties) in the Price bid Format enclosed after the completion of Auction to BHEL, within 24 hours of the Reverse Auction, duly signed and stamped as token of acceptance without any new condition other than those already agreed to before start of auction.
  10. During the Online English Reverse (No Ties) Auction, if no bid is received in the auction system/website within the specified time duration of the Reverse Auction, then **BHEL**, at its discretion, may decide to revise the auction's Opening Price / scrap the online Reverse Auction process / proceed with the conventional mode of tendering (opening of the hard copy final bids submitted by you earlier to BHEL).
  11. Your bid will be taken to undertake the work. Bids once made by you, cannot be cancelled / withdrawn and you shall be bound under take the work as mentioned above at your final bid price. **Should you back out and not under take the work as per the rates quoted, BHEL shall take action as appropriate.**
  12. You shall be assigned a **Unique User Name & Password** by BHEL (or) Service Provider. **You are advised to change the Password** and edit the information in the Registration Page after the receipt of initial Password from BHEL / Service Provider to ensure confidentiality. All bids made from the Login ID given to you will be deemed to have been made by your company.
  13. You will be able to view the following on your screen along with the necessary fields in the English Reverse (no ties) {Reverse Auction}:
    - a. Leading Bid in the Auction (only total price)
    - b. Bid Placed by you
    - c. Your Own Rank
    - d. Opening Price & Bid Decrement value.
  14. At the end of the Reverse Auction, BHEL will decide upon the winner. BHEL's decision on award of Contract shall be final and binding on all the Bidders.
  15. BHEL shall be at liberty to cancel the Reverse Auction process / tender at any time, before ordering, without assigning any reason.
  16. BHEL shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
  17. Other terms and conditions shall be as per your techno-commercial offers and other correspondences till date.
  18. You are required to submit your acceptance (**Process Compliance Form—Annexure II**) to the terms/ conditions/ modality given above before participating in the Reverse Auction.

## Terms & Conditions of Reverse Auction

1. **LOG IN NAME & PASSWORD:** Each Bidder is assigned a Unique User Name & Password by **Service Provider**. The Bidders are requested to change the Password and edit the information in the Registration Page after the receipt of initial Password from Service Provider. All bids made from the Login ID given to the bidder will be deemed to have been made by the bidder.
2. **BIDS PLACED BY BIDDER:** The bid of the bidder will be taken to be an offer to execute the work. Bids once made by the bidder cannot be cancelled. The bidder is bound to execute the work at the price that they bid. If any bidder backs out and does not accept the order at the rates quoted, BHEL and / or **Service Provider** shall take action as appropriate.
3. **LOWEST BID OF A BIDDER:** In case the bidder submits more than one bid, the lowest bid will be considered as the bidder's final offer to execute the work.
4. **AUCTION TYPE:**
  - 1). Online Initial Sealed Bid
  - 2). Online English Reverse (No Ties) Auction (refer Bidder Manual for details)
5. **DURATION OF AUCTION:** The duration of Auction will be for one hour. If a bidder places a bid in the last 10 minutes of closing of the Reverse Auction and if that bid gets accepted, then the auction's duration shall get extended automatically for another 10 minutes, for the entire auction (i.e. for all the items in the auction), from the time that bid comes in. Please note that the auto-extension will take place only if a bid comes in those last 10 minutes and if that bid gets accepted. If the bid does not get accepted, the auto-extension will not take place even if that bid might have come in the last 10 minutes. In case, there is no bid in the last 10 minutes of closing of Reverse Auction, the auction shall get closed automatically without any extension. However, vendors are advised not to wait till the last minute or last few seconds to enter their bid during the auto-extension period to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc. (THIS SCHEDULE IS TENTATIVE. IF ANY CHANGE IN SCHEDULE, THE SAME SHALL BE COMMUNICATED TO THE BIDDERS)
6. **BID DECREMENT:** The minimum Bid decrement shall be available to the Bidders at the start of the auction. The bidder can view the same by clicking on the Item details at the start of the auction. The bidder can bid lower than the Lowest Bid in the auction by a decrement, multiple of the minimum Bid decrement or at least of minimum bid decrement plus multiples of Bid Decrement. Also, please note that the start price of an item in online Reverse Auction is open to all the participating bidders. Any bidder can start bidding, in the online Reverse Auction, from the start price itself. If the start price is your own price, you still need to bid in the online Reverse Auction. Also, please note that the first online bid that comes in the system during the online Reverse Auction can be equal to the auction's start price, or lesser than the auction's start price by one decrement, or lesser than the auction's start price by multiples of decrement. The second online bid and onwards will have to be lesser than the L1 rate by one decrement value, or lesser than the L1 rate by multiples of the decrement value.
7. **VISIBILITY TO BIDDER:** The Bidder shall be able to view the following on his screen along with the necessary fields during English Reverse –NO ties Auction:
  - Leading Bid in the Auction
  - Bid Placed by him
  - His Own Rank
  - Start Price & Bid Decrement Value
8. **AUCTION WINNER:** At the end of the Reverse Auction, BHEL will evaluate all the bids submitted and will decide upon the winner.
9. **PROXY BIDS:** Proxy bidding feature is a pro-supplier feature to safeguard the bidders's interest of any Internet failure or to avoid last minute rush. The Proxy feature allows Bidders to place an automated bid against other Bidders in an auction and bid without having to enter a new amount each time a competing Bidder submits a new offer.

The bid amount that a Bidder enters is the minimum that the Bidder is willing to offer. Here the software bids on behalf of the bidder.

The proxy amount is the minimum amount that the Bidder is willing to offer. During the course of bidding, the Bidder cannot delete or change the amount of a Proxy Bid.

Bids are submitted in decrements (decreasing bid amounts). The application automates proxy bidding by processing proxy bids automatically, according to the decrement that the auction originator originally established when creating the auction, submitting offers to the next bid decrement each time a competing Bidder bids, regardless if competing bids are submitted as proxy or standard bids.

This feature can be used only once during a particular Reverse Auction and only after the L1 rate is equal to or less than the minimum bid amount that the bidder has put in the system will he get the option to manually bid for the same. In no case during the bidding till the L1 rate or less is not reached as equivalent to the minimum bid amount offered by the bidder, will the bidder get the option to manually bid for the same.

GENERAL TERMS & CONDITIONS: Bidders are required to read the “Terms and Conditions” section of the auction website using the Login IDs and passwords given to them.

#### **10. OTHER TERMS & CONDITIONS:**

- The Bidder shall not involve himself or any of his representatives in Price manipulation of any kind directly or indirectly by communicating with other suppliers / bidders.
- The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
- BHEL’s decision on award of Contract shall be final and binding on all the Bidders.
- BHEL along with **Service Provider** can decide to extend, reschedule or cancel any Auction. Any changes made by BHEL and / or Service Provider, after the first posting will have to be accepted if the Bidder continues to access the site after that time.
- Service Provider**, shall not have any liability to Bidders for any interruption or delay in access to the site irrespective of the cause.
- Service Provider** is not responsible for any damages, including damages that result from, but are not limited to negligence.
- Service Provider** will not be held responsible for consequential damages, including but not limited to systems problems, inability to use the system, loss of electronic information etc.

#### N.B.

- All the Bidders are required to submit the Agreement Form / Process Compliance Form (**Annexure- II**) duly signed to **Service Provider** before the due date (auction date). After the receipt of the Agreement Form, Login ID & Password shall be allotted to the suppliers (bidders).
- After the completion of the Auction event, the winner Bidder has to submit the Price Break-up immediately to **Service Provider** for further proceedings.

**Annexure- II**

**Process Compliance Form**

(The bidders are required to print this on their company's letterhead, sign & stamp before emailing a scanned copy)

**Service Provider**

With Address

**Subject:** Agreement to the Process related Terms and Conditions for the Reverse Auction

Dear Sir,

This has reference to the Terms & Conditions for the Reverse Auction mentioned in the Tender document for the Contract of Renovation of Existing Community Centre, LWA & Kalliyam School in BHEL Township, Sector- 17, Noida vide NIT No.- 22:AA:NOI:ADMN:CommunityCentre:112:2013-14, Dated: 12.2.2014.

This letter is to confirm that:

- 1) The undersigned is authorized representative of the company.
- 2) We have studied the Commercial Terms and the Business rules governing the Reverse Auction as mentioned in your letter and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the auction tool and have understood the functionality of the same thoroughly.
- 4) We also confirm that we will email a scanned copy or fax the price confirmation & break-up of our quoted price as per the Annexure III.
- 5) We, hereby, confirm that we will honour the Bids placed by us during the auction process.
- 6) We also confirm that we will accept our Rank / Position that will be displayed when the Bidding Time is over of the Online Reverse Auction.
- 7) We confirm that we have changed the password on the auction website after first log in.

With regards,

Signature with company seal

Name –

Company / Organization –

Designation within Company / Organization –

Address of Company / Organization –

Scan & email this document to Service Provider

**Annexure III**  
**Price Confirmation**

(To be submitted by the bidder on their Letterhead, duly stamped & signed after the completion of the Reverse Auction)

**Service Provider**  
With Address

**Subject:** Final price quoted during Reverse Auction, its price break-up & confirmation.

- 1. BHEL Tender Enquiry No: 22:AA:NOI:ADMN:Community Centre:112:2013-14, Dated: 12.02.2014.**
- 2. Reverse Auction dtd.**
- 3. Our Offer No. dtd.**

Dear Sir,

We confirm that we have quoted for the Contract of Renovation of Existing Community Centre, LWA & Kalliyam School in BHEL Township, Sector- 17, Noida vide NIT No.- 22:AA:NOI:ADMN:Roofs:112:2013-14, Dated: 12.02.2014 as detailed below.

As our final lump sum prices during the Reverse Auction conducted today (Dated: ) inclusive of all the taxes including Service Tax is Rs .....

The breakup of total amount is given in the Price Format enclosed at **Annexure-I**

Thanking you and looking forward to the valuable order from BHEL.

Yours sincerely,

For \_\_\_\_\_

**Name:**

**Company:**

**Date:**

**Seal:**

**DECLARATION**

I / We, do hereby declare that there is no case with the Police/Court/Regulatory authorities against the proprietor/firm/partner. Also I/We have not been suspended / delisted / blacklisted by any other Govt. Ministry / Department/Public Sector Undertaking/ Autonomous Body/Financial institution/Court. We also certify that either our firm or any of the partners are not involved in any scam or disciplinary proceedings settled or pending adjudication

**(Signature & seal of the contractor)**

Place:

Date:

**ESTATE OFFICE: BHEL TOWNSHIP: NOIDA**

NIT No.: **22:AA:NOI:ADMN.:**Community Centre:112:2013-14

Dated: 12.02.2014

**No Deviation Certificate**

Notwithstanding anything mentioned in our bid, we hereby accept all the terms and conditions of the above tender and there is no deviation in the terms & conditions of tender. We confirm that the offer submitted by is confirming to all the terms and conditions mentioned in the tender document. We hereby undertake and confirm that we have understood the scope of services properly and shall carry out the job as mentioned in this tender.

(Signature & seal of the contractor)

TECHNICAL DETAILS

	<b>Rs. Lacs</b>		
<b>TURNOVER (F.Y.)</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>

<b>EXPERIENCE</b>	<b>No. of Work</b>	<b>Value</b>	<b>Customer's Name</b>

<b>SIMILAR WORKS</b>	<b>Nature of Works</b>	<b>No. of works</b>	<b>Value</b>	<b>Customer's Name</b>

<b>EPF Registration number</b>	
<b>ESI Registration number</b>	
<b>PAN Card No.</b>	
<b>Service Tax No.</b>	
<b>TIN No.</b>	

<b>Income Tax Return (F.Y.)</b>	<b>2012-13</b>	<b>2011-12</b>	<b>2010-11</b>
<b>EMD Details</b>	<b>DD/ PO No.</b>	<b>Date</b>	<b>Amount</b>
<b>Details of manpower</b>			

(Signature & seal of the contractor)

**BIDDER'S DETAILS**

Name of the Contractor /Party/ Firm	
Name of Representative	
Postal Address	
Phone/ Landline Nos.	
Mobile Nos.	
Fax No.	
E-Mail Address	
Web Site Address ( If Any)	
Bank details for payment through NEFT/RTGS and for release of EMD*	Name of Bank: Branch: Account No.: IFSC No.: MICR No.:

**Note:** Submit a canceled cheque for verification of above bank details.

**(Signature & seal of the contractor)**

**CHECK-LIST (TECHNICAL BID)  
SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER**

<b>Sl. No.</b>	<b>Description of requirement</b>	<b>Yes/ No/NA</b>	<b>Page No.</b>
1	EMD of Rs. 60,000/- in the form of Pay order or Demand Draft in favour of “Bharat Heavy Electricals Ltd” in a separate envelope.		
2	Details of work experience, satisfactory work performance certificates.		
3	Copies of the Balance sheet and Profit & Loss account statement of last three financial years i.e. FY 2010-11, 2011-12 & 2012-13 duly certified by CA.		
4	Acknowledgement of I-T return of last three financial years i.e. FY 2010-11, 2011-12 & 2012-13		
5	Copy of the PAN card.		
6	Copy of TIN No. registration certificate		
7	Copy of Service Tax registration certificate		
8	Copy of EPF Registration and details		
9	Copy of ESI Registration and details		
10	Declaration enclosed at Annexure – E3		
11	No deviation certificate enclosed at Annexure – E4		
12	Technical details as per Annexure-E5		
13	Bidder’s detail as per Annexure- E6		
14	All the pages of tender document have been signed		
15	Sealed envelope of price bid submitted.		

**(Signature & seal of the contractor)**

## **PART 'B' – PRICE BID**

Name of Work : Renovation of Existing Community Centre, LWA & Kalliyam School in  
BHEL Township, Sector-17, NOIDA.

NIT No. : 22:AA:NOI:ADMN.:Community Centre:112:2013-14 Dated: 12.2.2014

**Period of Completion :** 90 days from the date of placement of order.

Sl. No	Description of Item	Unit	Qty.	Rate in Words (Rs)	Rate in Figure (Rs)	Amount (Rs)
1	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid, including,cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash	Sqm.	420.00			

	fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge.				
2	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :3 mm thick	Sqm	480.00		
3	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	Sqm.	440.00		
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	Sqm.	487.00		
5	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	Sqm.	600.00		
6	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm.	600.00		

7	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :With cement mortar 1:4 (1cement: 4 coarse sand)	Sqm.	150.00			
8	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm.	600.00			
9	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	Sqm.	6.00			
10	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge. In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	Sqm.	41.00			
11	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	Sqm.	100.00			
12	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm.	5.00			

13	Point wiring in PVC conduit, with modular type switch : Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq. mm. FR PVC insulated copper conductor single core cable etc. as required.. For Group B	Points	90			
14	Circuit/Sub-main wiring in PVC conduit: Wiring for circuit/ submain wiring along with earth wire with 2X4 sq. mm+ 1X4sq. mm earth wire of PVC insulated copper conductor, single core cable in surface/recessed PVC conduit as required.	mtr	650			
15	Supplying and fixing 12 Way ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, with provision of 100 amps TP 16 KA MCCB as incomer, interconnection between incomer MCCB and bus bars (but without MCB's/ MCCB) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required) 2.6.3 12 Way TP	each	1			
16	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts,"C" curve, miniature circuit breaker suitable for inductive load of Single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	each	40			
17	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required	each	40			
18	Supplying and fixing 5/6 amps switch modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	each	10			
19	Supplying and fixing 15/16 amp switch modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	each	10			

20	Supplying and fixing 3 pin 5/6 amp socket outlet modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	each	10				
21	Supplying and fixing 6 pin 15/16 amp socket outlet modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	each	10				
22	Supplying and fixing stepped type electronic fan regulator on existing modular plate switch box including connections but excluding modular plate etc.	each	20				
23	Supplying of wall mounted 400 mm sweep swing platina fan, complete with all accessories including connection etc. as required. Havel's or Crompton Make	each	15				
24	Supplying and fixing of wall mounted 600 mm sweep heavy duty air circulator turbo force fan, complete with all accessories including connection etc. as required. Havel's Make	each	20				
25	Supplying , 2x18W Recessed DL COMBO WITH EB & PATTERN GLASS down lighter , di-cast Al. ring & detachable electronic gear tray, model no-LHOC85218354 HAVEL'S MAKE	each	55				
26	Supplying and fixing of MHL WALL WASHER DL 24 Recessed downlighter with swivel arrangement for Metal Halide Double Ended lamp. 1x150W MH DE, model no-LHOM24115399 Asy. Wall Washer Havel's make	each	2				
27	MIRROR OPTICS P5 (SURFACE) Surface mounting mirror optics luminaire with P5 Paralite louvre for FP-L. 3x36W FP-L(HF),Model no-LHCC01336425 Paralite P5 Havel's make	each	80				
28	Installation, testing and commissioning of pre-wired, fluorescent fitting/ compact fluorescent fitting of all types, with all accessories and tube etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 30 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc as required.	each	137				
29	<b>Total (Rs)</b>						

30	<b>Service Tax (..... %) (Rs)</b>	
31	<b>Gross Total amount including Service Tax (Rs)</b>	
<b>Total Offer value in words: Rupees</b>		

**(Signature & seal of the contractor)**