



BHARAT HEAVY ELECTRICALS LIMITED CSU & FP, JAGDISHPUR

TENDER FOR MOSQUITO & GENERAL PEST CONTROL WORKS IN CSU & FP FACTORY & TOWNSHIP AREA AT JAGDISHPUR

Tender Enquiry No: BHE/CSU/CVL/15-16/16

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BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
CSU & FP
Industrial Area
Jagdishpur (UP) 227817

Signature of Contractor

Signature of BHEL

SECTION - I**NOTICE INVITING TENDER**

1. Sealed tenders are invited in two-bid system from experienced contractors for the following works:

Scope of work	Issue of Tender	Due date of offer submission	Due date of opening
Mosquito & General Pest control Works in Township and Plants. TE No: BHE/CSU/CVL/15-16/16	From 04.8.2015 to 24.8.2015	Upto 14:30 hrs on 24.8.2015 in tender box, CSU & FP, Jagdishpur	Part-I Bid on 24.8.2015 at 15:00hrs.

EMD: Rs 20,000/-, Cost of tender document: Rs 1000/- (Non- refundable)

Please visit our website http://www.bhel.com/tender/list_tender.php for downloading complete tender enquiry. All further extension notification / corrigendum etc. of above tender (if any), shall be published only at our website and not through press advertisements.

2. Address for submission & opening of Tender
- a) **Submission and opening of tender:**
Sh. Vaibhav Jain, Sr. Engineer (Civil)
Centralised Stamping Unit (CSU) & Fabrication Plant (FP)
Bharat Heavy Electricals Limited
Industrial Area, Jagdishpur
Distt Amethi (UP) 227 817
Tel : 05361 224125, 224220 Fax : 05361 224166
Email: vjain@bhelcsufp.in, Milan@bhelcsufp.in
3. Bidders have to download the tender document from website www.bhel.com at "Tender Notifications" and use the documents for submission of tender. The cost of tender document shall have to be paid by Demand Draft at the time of submission of offer.
4. The cost of tender document and Earnest Money Deposit shall be paid by separate Demand Drafts in favour of Bharat Heavy Electricals Limited, payable at Industrial Area Jagdishpur along with the bid in separate sealed envelope.
5. BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post.
6. The offer is to be submitted in a sealed envelope properly marked. The tender shall be submitted in two parts:
The first part shall consist of techno-commercial offer without price bid and marked on top of the envelope as **"Part I -Techno-commercial** along with T.E. No. and due date.
The Second part shall consist of Price schedule and marked on top of the envelope as **"Part II - Price Bid"** along with T.E. No and due date.
Each part shall be kept in a separate sealed envelope. Both the parts shall then be put in a bigger sealed envelope along with Tender Cost & EMD. The tender enquiry no. & due date of opening must be clearly mentioned on top of the envelope.

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7. Part I of the bid will be opened first and scrutinized (Refer Qualifying Requirements in Annexure NIT-I). Successful bidders in techno-commercial bid Part – I will only be considered for opening of Price Schedule i.e. Part – II. Date of opening of Price Bid will be intimated separately to the Tenderers who qualify in the Techno-Commercial bid.
8. Offers should be strictly in accordance with the tender specifications & General Instructions to the Tenderer enclosed herewith.
9. Only Tenderers who have previous experience in the work of the nature and description detailed in this tender specification are expected to quote for this work. Offer from Tenderer who do not have proven and established experience in the field as per Annexure NIT – I will not be considered.
10. Tenderers are advised to go through the project scope of work, site location etc and get them fully acquainted with the work place and prevailing working conditions before submitting the Offer.
11. The Tenderer should accept all terms & conditions of the tender unconditionally. In case the Tenderer wants to deviate from the tender conditions, such deviations shall be clearly specified in the offer. If no deviations are given in the offer, it will be assumed that the Tenderer accepts all terms and conditions of the tender.
12. Offers with deviations from terms and conditions of this tender are likely to be rejected.
13. Clarifications, if any, of Technical / Commercial nature, can be obtained from the officer to whom the tender is to be submitted up to one week before the tender due date.
14. **The Tenderers are required to quote for the complete scope of work with rates for all the items & no column should be left blank.** Tenders for part of the work or incomplete in any respect are liable to be rejected. Tenders shall mention “**Quoted**” in **each blank column of un-priced bid** of Techno- commercial offer to certify that rates for all the items have been quoted.
15. Order will be placed on a single bidder for the complete scope of work.
16. Penalty will be levied by BHEL as per relevant clauses of the Tender on account of delay, violation of contract conditions and non-performance of the Contractor.
17. All documents submitted by the Tenderer in his offer shall be accompanied with a covering letter giving index interlinking all the documents.
18. BHEL reserves the right to accept or reject any of the bid / all bids with or without deviation or cancel / withdraw the invitation for bid without assigning any reason whatsoever and in such case no bidder shall have any claim arising out of such action by BHEL.
19. BHEL reserves the right to reject the tender from any bidder on the basis of unsatisfactory performance of the bidder in any ongoing job or any similar job of BHEL in last five years, or if the bidder has been kept under hold/ blacklisted by BHEL.
20. BHEL reserves the right to go for Reverse Auction (on line bidding on Internet) instead of opening the submitted sealed paper price bid as per Cl 35 of part-B of GCC. Any bidder

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who do not accept the processing of price bids through Reverse Auction as per point-18 of Annex-E (checklist) of GCC are liable for rejection.

21. The bidder along with its associates/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL Website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice
22. PREFERENCES FOR MSMEs:

Following preferences/benefits shall be given to MSEs in line with Public procurement policy for Micro and Small Enterprises (MSEs), 2012:

- a. The tender documents shall be issued free of cost to MSEs.
- b. MSEs are exempted from payment of Earnest Money Deposit (EMD).
- c. In tender, Micro and Small Enterprises quoting within the price band of L1+15% shall be allowed to supply the requirement up to 20% of the tender quantity subject to condition that such Enterprises bring down their price to L1 price where L1 price is from other than a Micro and Small Enterprise. If L1 offer is from a Micro / Small Enterprise, this provision will not be applicable. In case more than one Micro and Small Enterprise is there within this span, the supply shall be shared proportionate to the tender quantity. (70:30 or 50:30:20 of the eligible quantity).

Note: Special provision for Micro and small enterprises owned by SC or ST: -

Sub target of 20% (i.e. 4% out of 20%) would be earmarked for procurement from Micro and Small Enterprises owned by the Scheduled Caste or Scheduled Tribe Entrepreneurs provided that in event of failure of such Micro and Small Enterprises to participate in the tender process or meet the tender requirements and the L1 price, the 4% sub-target for procurement ear-marked MSE owned by Scheduled Caste or Scheduled Tribe Entrepreneurs shall be met from other MSE Enterprises/s.

MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -1 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents is not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer.

In case of any change in the MSE status of the Bidder, it shall be the responsibility of the Bidder to notify the change as a part of the Bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the Bidder and the order is obtained under the premise of an MSE then BHEL would cancel the

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pending order against this tender and take necessary steps for suspension of the business dealing with the Bidder as per the procurement policy of BHEL.

In case after the bid opening it is seen that no MSE has become L1, then depending on the nature of the item, if it is not possible to split the tendered items / quantities on account of reasons like customer contract requirements of supplying one make for a given project or technical reasons like the tendered item being a system etc. then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the +15% band of L1.

For & on behalf of BHEL
Sr. Engineer (Civil)

ANNEXURE- A**(Certificate by Chartered Accountant on letter head)**

This is to Certify that M/S.
 (Hereinafter referred to as 'company') having its registered office at
is registered under MSMED Act 2006, (Entrepreneur
 Memorandum No (Part-11dated:
 Category: (Micro/Small) (Copy enclosed).
 Further verified from the Books of Accounts that the investment of the company as on date
 as per MSMED Act 2006 is as follows:

I. For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006 :

Rs.Lacs

2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:

RsLacs

(Strike off whichever is not applicable)

The above investment of Rs Lacs is within permissible limit of Rs -----Lacs for Micro/Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is -----
 ----(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide 5.0. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number

Seal of Chartered Accountant

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Annexure NIT – I

Tender for Mosquito & General Pest control Works for CSU & FP Factory & Township Area at Jagdishpur

A. QUALIFICATION REQUIREMENTS

1. The Tenderer should have, in the last seven years ending on 31.07.15, successfully completed the Mosquito & Pest Control works of industrial plant / buildings or other commercial establishments.

Values of such work done should be as under:

- a) One job of value of Rs 6 Lakhs or above, or
- b) Two jobs of value of Rs 3.75 Lakh or above each, or
- c) Three jobs of value of Rs 3 Lakh or above each

And

The Tenderer shall be financially sound and should have achieved an average annual financial turnover of minimum Rs 2.3 Lakh per year over three consecutive financial years ending on 31.03.2015.

B. DOCUMENTS REQUIRED

The Tenderer shall submit documents in respect of possessing Qualifying requirements as under duly certified and stamped by his authorized signatory:

- a) List of Jobs undertaken with details and value meeting the above conditions.
- b) Copies of work orders issued by customers.
- c) Copies of completion certificates issued by customers.
- d) Copies of audited profit and loss accounts.
- e) Declaration for not guilty by a court of law as per affidavit 'A'(Attached in SCC)
- f) Declaration for not black listed as per affidavit 'B'(Attached in SCC)
- g) Certificate of registration from Indian Pest Control Association
- h) License to stock and use insecticide(s) for commercial pest control operation from Department of Agricultural, U.P. Government in the format of FORM - VI/C

C. Checklist / Minimum qualification criteria

1. Legal requirements

- a. Employee's PF & miscellaneous provision act, 1952 (Valid PF code required)
- b. ESI Number & date (Valid ESI code required)

2. Taxation requirements

- a. Income tax act (PAN No.)
- b. Trade Tax / VAT / TIN No.
- c. Service tax no. (PAN Base)

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SECTION II

SPECIAL CONDITIONS OF CONTRACT

**BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
CSU & FP
Industrial Area
Jagdishpur (UP) 227817**

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SPECIAL CONDITIONS OF CONTRACTS

1. **Duration of this Rate Contract shall be 2 years.** The date of start of the work shall be taken as given in Letter of Intent
2. Any pesticide / Insecticide chemical should not be issued to any un-authorized person in condition. The contractor will be responsible for any type of accident because of this reason.
3. Contractor's staff should be care full while spraying pesticide / Insecticide in kitchen etc. for avoiding any mixing in foods etc.
4. All employees of contractor must be trained and well aware of the effects of these Pesticide / Insecticide at the time of using / handling / storing. Antidote of un-expired date of each chemical must be kept ready with contractor / authorized person for emergency use.
5. The contractor shall take necessary precautions for the safety of his workmen and he should follow all safety rules required in connection with execution of such type of works. The contractor must provide hand gloves / face masks / safety goggles etc. to his all employees. The contractor must provide soap etc. for hand washing after use of these chemicals.
6. The contractor will have to get his workman insured at his cost.
7. The contractor shall take proper care to avoid any damage to BHEL property. If any damage does take place, the contractor will be fully responsible for the same. The decision of Engineer in charge in such case shall be final and binding on contractor.
8. The storage handling and disposal of chemical and its empty containers should be in an environment friendly and safe manner as specified by manufacturer or appropriate legal / regulatory authority. No Empty container shall be returned back to contractor.
9. The contractor shall make his own arrangement for his residing the supervisor near by the township for execution / interest of work. If available the BHEL can provide the accommodation at commercial rent (electric charge and water charge extra) as per rule.
10. The Workman Compensation Act, its implications, licensing and liabilities of Minimum Wages Act and **Minimum Wages as per BHEL rules** will be entirely the responsibility of the contractor
11. All employees should be engaged after approval of the engineer - in - charge. No minor worker will be allowed to work.
12. In case of any accident the 100% responsibilities lies with contractor.

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13. The contractor staff should be well mannered and of good behaviour with our township residents and BHEL office staff. If any complaint is lodged with BHEL official, the contractor shall be bound to replace the employee.
14. Contractor will have to ensure that the work places are entirely cleaned after completion of work.
15. In case when the contractor fails to arrange the work as per the requirement, the BHEL will deduct the expenses to make alternate arrangement for the same.
16. The contractor must submit his valid licence issued by Government Authority, for handling, using & storing of poisonous / pesticides / insecticides materials. The contractor shall follow all relevant legislation / regulations etc including the legislation on the hazardous chemicals applicable to this work. The contractor shall provide "material safety data sheet" (MSDS) of all the hazardous chemicals insecticide / pesticide before the same is brought to BHEL Jagdishpur the MSDS shall be deposited with the HOD (Civil).The successful bidder will be responsible for compliance to the Insecticides Act 1968 and Insecticides Rules 1971 use of banned insecticides will not be permitted. In case such insecticides are used action will be taken as per law and it will be treated as breach of contract. The contractor will have to depute a representative who shall (in the absence of the contractor) report to the department on all working days and liaison with the supervisor in charge for the works to be undertaken.
17. All materials brought at site should be of the brand & quality confirming strictly to appropriate legal / regulatory / government authority / our specifications. All materials should be got verified / approved by the engineer-in-charge before application.
18. Upon acceptance of tender, the successful tenderer must deposit the required amount of security deposit (10% of the contract value) within two weeks from starting date of work. The required amount of SD shall be deposited in any one of the forms as mentioned in the relevant clause of GCC for Civil Works. The security deposit shall be released after successful completion of contract duration along with Final Bill.
19. The contractor shall undertake the work strictly as per the offer under the supervision of the Engineer-in-charge of BHEL Jagdishpur.
20. The mixing / dilution of the insecticide / pesticide shall be done in presence of Engineer-In-Charge / Authorised person of BHEL. The dilution chemical is liable to be rejected in case dilution is not done in Engineer-In-Charge presence.
21. The chemical brought to the Township shall be stored in the storeroom for this purpose located in Town administration office under the supervision of Engineer-In-Charge.
22. The contractor shall be 100% responsible to settle / contest / defend any legal / police case arising due to effects / bad effects of misuse / accident of the insecticide / pesticide.
23. In case any time contractor fails to arrange the work, BHEL will deduct the expenses to make alternate arrangement for the same.

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24. EXECUTION OF CONTRACT:

- a. The successful Tenderer's responsibility under this contract commences from the date of issue of the Letter of Intent by Bharat Heavy Electricals Limited. The successful tenderer shall be required to execute a contract in the "Prescribed form" as per GCC with BHEL within 15 days after the acceptance of his tender and in any case before the commencement of work. The expenses for completion and stamping and registration of the agreement with prescribed authority, shall be borne by the Contractor.
 - b. The contractor shall commence the work within the time indicated in the Letter of intent and shall proceed with the same with due expedition without delay
 - c. The contractor shall commence the work within the time indicated in the Letter of intent and shall proceed with the same with due expedition without delay
 - d. If the successful tenderer fails to commence the work within the stipulated time, BHEL, at its sole discretion, will have the right to cancel the contract. His Earnest money and / or Security Deposit will stand forfeited without any further reference to him without prejudice to any and all of BHEL's other rights and remedies in this regard
 - e. All the works shall be carried out under the direction and to the satisfaction of BHEL Administration.
- 21 Work shall be carried throughout work period (contract period) without interruption due to any Sunday / holiday round the clock and contractor has to make suitable arrangement for the same without any extra compensation.
- 22 The contractor has to obtain registration no. service tax code & account code etc from commission rate of central excise and service tax, Kanpur, without which tender shall not be issued. He shall have to comply with the requirement of the commissionate.
- 23 The payment shall be made on the basis of measurement only as per unit given in schedule. The contractor or his supervisor / authorized person should maintain a register and entry the work / measurement immediately and get it verified daily / after the work by BHEL supervisor.
- 24 The contractor must submit his work details filled-up in the form placed at schedule "F1, F2 & F3"
- 25 The contractor should be capable to arrange required Tools, Plants & Machinery.
- 26 The contractor should be capable to arrange technical and skilled manpower.

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27 MEASUREMENT OF WORK AND MODE OF PAYMENT

- a. All payments due to the contractor shall be made by `Electronic Fund Transfer`. For this purpose the contractor has to give his account details in the standard format to be provided by BHEL Jagdishpur.
- b. All payments will be made as per "Price Schedule" only after completion of that work. The same will be entered in measurement Book as running account (RA bill) & both the party will sign in that.
- c. All recoveries due from the contractor for the month/period shall be effected in full from corresponding running bills unless specific approval from competent authority is obtained to the contrary. The recoveries could be I. Tax, VAT , Security Deposit , Stamp duty on S.D, Water charges 1% etc. As applicable.
- d. Measurement shall be restricted to that quantity for which it is required to ascertain the financial liability of BHEL under this contract.
- e. The contractor shall bear the expenditure involved if any, in material testing & meeting requirements. The contractor shall, provide all the assistance with appliances and other thing necessary for measurement or re-measurement.
- f. Full payment of Township area will be allowed if 80% area is covered.
20% sparing is allowed for following
 - (a) Vacant quarters,
 - (b) Quarters occupied but locked repeatedly,
 - (c) Residents not willing / allowing for indoor sprayingHowever for factory portion full area has to be covered. In case of reduction beyond permissible limit in any of the area, pro-rata deduction will be made.
- g. Passing of bills covered by such measurement does not amount to acceptance by BHEL of the completion of the work measured. Any left out work has to be completed by the Contractor, as directed.
- h. Monthly measurement bill shall be prepared in the Performa prescribed for the purpose placed at schedule "F-1, F-2 & F-3", based on the certificate issued by the Engineer-in-charge.
- i. The final bill shall be paid within a reasonable time after completion of the work. The abstract of final quantities and financial values shall also be entered in the measurement book and signed by both the parties. The Contractor shall give `No claim` and `no demand` certificate. After the payment of final bill, only the guarantee obligation percentage value shall remain unpaid, which will be released as per GCC.

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- 28 In all cases of disputes emanating from and in reference to this agreement contract and all questions, disputes for difference of any kind what so ever arising out of or relating to this agreement contract the matter / dispute shall be referred to the arbitration of the sole arbitration of Executive Director / Group General Manager / General Manager of BHEL, Jagdishpur or any other person (including an employee of BHEL) even through he had to deal with the matter relating to this agreement contract nominated by the said Executive Director / GGM / GM to act as sole arbitrator. The arbitrator shall be under the arbitrator and conciliation act of 1996 and the rules there under. The arbitrator may from time to time with the consent of the parties enlarge the time for making and publishing the award. No person other than the above or his nominee can act as arbitrator. The venue of arbitrator shall be at Jagdishpur or the place decided by the arbitrator. The ward of the arbitrator shall be final and binding on the parties of this agreement. The court at Jagdishpur only should have
- 29 The works have to be carried out as per our / CPWD specifications 1977, wherever CPWD specifications are silent, the work shall carried out as per BIS specifications. In case of defective BHEL will have full right to reject the work or part there of Such defective work if any, will have to be rectified at contractor's cost. The opinion of Engineer-in-charge shall be final in this matter. If the defective work is allowed to stand BHEL shall have the absolute right to reduce the rates for such items and the contractor shall have no claims over such defective work allowed on reduced rates.
- 30 The contractor shall have to make his own storage sheds for materials to be issued by BHEL. If deemed necessary by engineer in charge, the contractor shall make separate store for material with double lock system.
- 31 Electric power for the legitimate use in the work shall be provided free of cost.
- 32 Necessary quality checks for Mosquito & general Pest control materials shall be conducted as per BIS / CPWD specifications. The cost for these tests shall be borne by the contractor.
- 33 BHEL's General Conditions of Contract (GCC) for works contract shall be considered as a part of this tender which is available in the office of undersigned. Bidders may go through the document before quoting for the work.
- 34 BHEL reserves the right to add or delete items of scope of work depending upon the final requirement. The quantities in the BOQ are tentative which may vary or deviate upto any limit provided the contract value is limited to $\pm 15\%$. The price quoted by the Contractor shall be valid for such variation.
- 35 BHEL reserves the right to suspend performance of any or all of its obligation under the contract. Such notice shall specify the obligation of which performance is to be suspended, the effective date of the suspension and the reasons therefore. The contractor shall thereupon suspend performance of such obligations until ordered in writing to resume such performance by the same authority that ordered for suspension.

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Non judicial stamp paper of Rs 10 /-

AFFIDAVIT 'A'

I / We M/sproprietorship /pvt.ltd/ partnership firm represented by
Shri.....S/oaged about
.....resident of.....do here by solemnly
affirm and state as follows:

1. That the deponent declares that no criminal trail/ prosecution for any offence involving fraud dishonesty and moral turpitude is pending against the deponent in any court of law. Further no penalty / guilty /conviction was awarded against the deponent by any court of law/statutory authority in India.
2. That the deponent hereby declare that neither myself & my firm was declared as insolvent by any court of law nor any insolvency proceeding pending in any court of law.

Deponent

Verification

The facts stated herein above are true and correct to the best of my knowledge and nothing has been concealed. Verification/...../ at Jagdishpur, Dist. Amethi, Uttar Pradesh - 227817.

Non judicial stamp paper of Rs 10/-

AFFIDAVIT 'B'

I/We M/s.....Proprietorship / Pvt. Ltd. / partnership firm

Represented by Shri.....s/o.....aged about

.....resident of.....do here by solemnly affirm

And state that the deponent declares that the firm referred herein above never been

Blacklisted/ banned/delisted on the date of tender by any establishment of PSU/Govt of india.

Deponent

Verification

The facts stated herein above are true and correct to the best of my knowledge and nothing has been concealed. Verified on/...../ at Jagdishpur, Dist. Amethi, Uttar Pradesh-227817

Area Statement for Mosquito & General Pest control in Township and Factory Area at BHEL CSU & FP Jagdishpur.

(i) Factory Area for Indoor spraying purpose = 11462 Sqm (as per Schedule "F1")
 (ii) Township Area for Indoor spraying purpose: 13487 Sqm (as per Schedule "F2")

SCHEDULE " F1 "

List of Buildings in Factory area for Anti-Mosquito Treatment for In-door Spraying.

Sl. No.	Description of Area	Qty (No.)	Area (in Sqm)
1	Factory Pump House office	1	12.00
2	CSU Admin building	1	500.00
3	FP Admin building	1	1000.00
4	33KV Pannel Room	1	40.00
5	Security Offices	1	80.00
6	Toilet Rooms Near Gate No.-2	1	20.00
7	Weigh Bridge Office	1	10.00
8	CSU Plant offices (all rooms & toilet)	1	100.00
9	CSU Plant Bay -1, 2 & 3	1	2400.00
10	Substation	1	180.00
11	Store	1	320.00
12	Canteen Building	1	800.00
13	FP Plant Offices (all rooms & toilet)	1	800.00
14	FP Plant Bay - 1, 2, 3 & 4	1	5000.00
15	Security barrack Area	1	150.00
16	Meter Room Area	1	50.00
Grand Total			11462.00

SCHEDULE " F2 "

List of Residential Buildings in Township area for Anti-Mosquito Treatment for In-door Spraying.

Sl. No.	Description of Area	Quantity (No.)	Unit Area for indoor spraying purpose (Sq m)	Total Area (in Sqm)
		Total Flats/building		
1	Type - A (Kailash Block)	128.00	25.00	3200.00
2	Type - A Electrical ,fire, Plumbing & Lift shaft	24.00	5.00	120.00
3	Type - B (Shivalic Block)	64.00	30.00	1920.00
4	Type - B Electrical ,fire, Lift & Plumbing shaft	12.00	5.00	60.00
5	Type - C (Vindhyachal Block)	56.00	50.00	2800.00
6	Type - C Electrical ,fire, Lift & Plumbing shaft	8.00	5.00	40.00
7	Type - D (Kanchanjunga Block)	12.00	80.00	960.00
8	type - D Electrical ,fire, Lift & Plumbing shaft	4.00	5.00	20.00
9	Type - CEO-I & II	2.00	300.00	600.00
10	Transit - Nilgiri House	1.00	680.00	680.00
11	Maintenance / State office	1.00	120.00	120.00
12	Substation & Security Room	1.00	100.00	100.00
13	Gym & Club	1.00	610.00	610.00
14	Pump House	1.00	300.00	300.00
15	S.T.P. Area	1.00	400.00	400.00
16	Community welfare Centre	1.00	477.00	477.00
17	Electrical rooms	9.00	120.00	1080.00
Grand Total				13487.00

SCHEDULE " F3 "

Anti-Larva Operation (Chambers, Nallahas & Holes) of Township & Factory areas.

S.No	Township Areas	S.No	Factory Areas
1	Behind Maintenance office	1	Arround CSU & FP Building
2	Behind Transit House	2	Factory pump house
3	East Side Boundary Wall	3	Factory Cooling Tower
4	West side of A1,A-2 Block	4	Arround Factory Canteen
5	Arround CEO-I&II,Gym-Club	5	Arround Factory security Barrack
6	Arround D-block	6	Arround substation & CSU Store
7	Arround C1-C2&B1-B2 Block	7	Factory Open Nalli
8	ArroundA1-A2&A3-A4 Block	8	FP Open Gantry
9	Arround STP	9	CSU Office
10	Pump House	10	FP Office
11	Sub-station	11	Oxyzen plant area
12	Rain Water & Sewer chamber	12	Factory Chambers

SCHEDULE " F4" (Months & Frequency for S.Nos. 1 & 2 of Price Schedule)

S.No. Of Price bid	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Nos.
1	0	1	2	2	0	1	2	2	2	1	1	0	14
2	0	1	1	0	0	1	1	1	1	0	0	0	6

Note : Above frequency chart is tentative which may vary as per the requirement of BHEL. Contractor shall make adequate deployment as per the direction of Engineer-In-Charge.

Section III – Un-Price Bid

Tender for Mosquito & General Pest Control Works in CSU & FP Factory & Township Area at Jagdishpur

Tender Enquiry No: BHE/CSU/CVL/15-16/16

Duration of Rate Contract shall be two years.

S.No.	Description of Items	Unit	Qty	Rate ₹ (In-Figures)	Rate ₹ (In-Words)	Amount (in ₹)
1	Indoor spraying in the quarters, office building and public building for control of mosquitoes and general pest with chemical listed below, by spraying machine in factory & Township campus area as per schedule "F1, F2, ". Frequency & months as per schedule "F4" S.no.1	Nos.	28			
	Cyphenophrin-5 EC with concentration of 20ml per liter of water. OR					
	Lenbeacyhalothrine-10 WP with concentration of 5 gms per liter of water. OR					
	Delta-Methrine-2.5 SC with concentration of 10ml per liter of water.					
2	Anti-larva operation at all stagnant water pools, ponds, nallahs and open areas which are identified as source for mosquitoes breeding in and around township and plant areas. The operation will be carried out with chemical listed below as per schedule "F3". Frequency & months as per schedule "F4" S.no.2	Nos.	12			
	Vecatobac-12 AS with concentration of 10ml per liter of water (under general mosquito larva condition). OR					
	"MLO" oil / Baytex (under heavy mosquito larva condition).					
3	Directing and injecting chemicals emulsion for post constructional anti-termite treatment :- Treatment at points of contact of wood work by inimical emulsion chlorpyriphos (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6.0mm dia holes at downward angle of 45 degree at 150mm center to center and sealing the same with chemical listed below:	SQM	500			
	Inibatlotrid - 30.5 SC with concentration of 2ml per liter of water. OR Termiseal oil					

Signature of Contractor

Signature of BHEL



CENTRALISED STAMPING UNIT & FABRICATION PLANT, BHEL, JAGDISHPUR

Section III – Un-Price Bid

Tender for Mosquito & General Pest Control Works in CSU & FP Factory & Township Area at Jagdishpur

Tender Enquiry No: BHE/CSU/CVL/15-16/16

Duration of Rate Contract shall be two years.

4	Removing of bees hives (chatta) from its position followed by weekly spraying of appropriate pesticide on the area to prevent re-formation of bee hives. This process shall continue for three months. Payment shall be released after three months from the date of spraying. In making payment the hives more than 10cm shall only be counted hives less than 10cm shall be ignored. However contractor shall have to remove beehives of sizes less than 10cm alongwith the larger.	NOS.	10			
	Chypropriphose OR					
	Delta Methrine-2.5 SC.					
5	Rodent control treatment in required area. Brolobialone - 0.005% cake with trouble gum blue gel in rodobox under lock & key condition.	PER 100 SQM	2000			
6	Reptile controle treatment in required area. (Carbolic acid OR Phorate-CG)	SQM	10000			
7	Providing services for wood borer treatment on BHEL's requirement basis as per direction of engineer incharge. (Material shall be provided by BHEL)	Mandays	48			
Total Amount excluding Service Tax (in Rs.)						

Signature of Contractor

Signature of BHEL