

Bharat Heavy Electricals Limited
High Pressure Boiler Plant
Tiruchirappalli – 620 014. India
Civil Engineering Department (Factory)

TENDER DOCUMENT (PRICE BID)

Name of work : **Sweeping, Cleaning of offices, shop floors, etc and swabbing Conference halls, AC/PC rooms etc in Factory Complex.**

Value of work : **Rs. 113.45 Lakh**

Tender Notice No. : **06/13-14**

Tender Schedule No. : **12/13-14**

Period of Contract : **12 (Twelve) Months**

Issued to M/s / S/Shri :

**BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPPALLI – 620 014**

CIVIL ENGINEERING DEPARTMENT (FACTORY)

PREAMBLE

Name of work : Sweeping and cleaning of offices, shop floors, etc., and swabbing Conference Halls, AC / PC rooms, etc., in Factory Complex.

SCOPE : The scope of work involves sweeping and swabbing of shop floors, offices, conference halls, AC/PC rooms, spraying chemicals for mosquito / cockroach control, cleaning oily substances in shop floors etc., inside the factory complex.

01. The contract period will be 12 (Twelve) months.
02. The tenderers are advised to visit BHEL Factory and get themselves acquainted with the site conditions before submitting the offer.
03. Only male employees / labourers shall be engaged for all activities.
04. Adequate labourers are to be deployed daily for carrying out all the works as indicated in the BOQ. The action plan and the manpower deployment for various activities are to be indicated in the offer.
05. **The following eligibility criteria shall be complied to fulfill the Qualification Bid:-**
 1. **Separate Registration for EPF, ESI, PAN, Sales tax & Service tax. Proof of IT returns, Profit & Loss account and balance sheet for the last three financial years certified (2010-11 to 2012-13) by the auditor.**
 2. **Average annual turnover of similar works executed in the last 3 financial years shall be at least for a value of minimum of Rs. 16.07 Lakhs.**
 3. **During last seven financial years should have successfully completed works either**
 - a) **Three similar works each not less than Rs. 21.43 Lakhs (or)**
 - b) **Two similar works each not less than Rs. 26.79 Lakhs (or)**
 - c) **One similar work not less than Rs. 42.86 Lakhs**
 4. **Solvency certificate shall be minimum for Rs. 21.43 Lakhs (The Certificate should have been issued within last 6 months from the date of tender opening.)**
06. Tenderers have to quote itemised rate for items provided in the BOQ.

07. The item rate offered shall provide for the complete cost towards labour, consumables, tools, plant & machinery, transport, supervision, overheads, profits & all other incidentals etc., complete. **The rate quoted shall not include service tax. However the service tax as applicable for this contract work and the same can be claimed from BHEL along with their monthly bills for further payment to be made to the authorities concerned. At present the rate of service tax is 12.36%. (Service tax + Edu. Cess+ Higher Sec. Edu. Cess). The contractor has to submit the payment challan as a documentary proof of having paid the service tax for the previous bill for which he has received the service tax payment along with the subsequent bill for which payment has to be processed**
08. The works contract to be entered into with the successful tenderer will be governed by the BHEL Revised General Conditions of Contract in force.
09. The contractor shall follow norms of BHEL security system for movement of men & materials within the complex including biometric system.
10. The workmen to be deployed by the contractor shall adhere to the safety / security rules and regulations of the Company and any person who is found to be violating the security / safety rules of the company shall be replaced immediately at the cost of the contractor.
11. The contractor shall strictly adhere to various labour laws in force.
12. Covered area for the purpose of office / rest room for the contract workers will be provided by BHEL at free of cost.
13. Water and electrical energy required for the work will be provided by BHEL at free of cost at the locations wherever possible.
14. The tenderer shall carry out health performance test at his cost for all the workmen engaged in the work through a registered medical practitioner and produce certificate on demand,
15. It shall be the responsibility of the contractor to see that the departmental canteen facilities are not utilized by the workmen. The contractor has to make his own arrangements to provide refreshment for the workmen.
16. If any of the workers employed by the contractor is found to indulge in acts subversive of discipline, the same will be brought to the knowledge of the contractor and he shall arrange for replacement of such personnel.
17. Usually, working hours are limited to day time only. In emergency cases to carryout works during nights, it may be done so with the specific prior permission of BHEL. In such case, it is to be carried out in the presence of BHEL officials or their authorized persons.
18. The contractor has to carry out all the works on all days except Sundays and BHEL holidays under normal circumstances. However sweeping of all shop floors has to be done in Sundays and BHEL holidays , if required.
19. Contractor/Authorized representative must be present at site to supervise the activities on day-to-day basis and for giving necessary instructions regarding the work to be carried out.

20. The tenderer has to ensure payment of Minimum Wages as per Tamil Nadu State Minimum Wages as applicable under law from time to time. The labourers engaged in this contract shall be paid additional payment as mentioned below in addition to the payment of Minimum wages as stated above.

a) Unskilled Worker	Rs. 2000 per month
b) Semi-skilled Worker	Rs. 2300 per month
c) Skilled Worker / Supervisor	Rs. 2500 per month

Also the labourers shall be paid a minimum bonus which shall be 8.33% as per the payment of Bonus Act 1965 for the total wages paid (i.e) Payment of minimum wages and additional payment as mentioned above. The Contractor shall have to remit EPF & ESI contributions at the rates applicable under law to the authorities concerned for the total wages paid (i.e) Payment of minimum wages and additional payment as mentioned above. At present the Tamil Nadu State Government Minimum wages declared is enclosed for your reference (Ref. Page No.7). Normally the revision will be with effect from 1st April of every year. Tenderers are requested to quote their offer after taking into account of the above factor also.

21. The contractor shall maintain registers for entering the details of cleaning done in each bay / building and obtain the signature from the concerned officials daily for the work carried out.
21. All the tools like soft hair boss brooms with cane handle, cob-web remover, bamboo basket, empty gunny bags, plastic mug, plastic bucket (12 Lit. capacity), nylon scrubber, double wheel barrows, spray tank (10 – 12 lit capacity) & safety items (like boots, gloves, goggles etc.) will be under the scope of the contractor.
22. Consumables required for each operation / cleaning of various activities are shown in the Annexure 1 in BOQ of Price Bid and the supply of the same will be under the contractor's scope.
23. All the consumables, Tools & Plants used in the work shall be of approved quality and will be subject to periodical inspection by BHEL officials.
24. Even though the contract period for the above operation will be **twelve months**, the contract may be awarded initially for six months on trial basis. If the service of the contractor is not found satisfactory during the stipulated contract period, BHEL reserves the right to pre-close the contract without assigning any reasons & compensations whatsoever.
25. The contractor has to carry-out the work in production shops without affecting the day to-day production activities.
26. The contractor should record the entry of all machineries / materials at the security gate while bringing in for work.
27. Statement of completed works with detailed certified measurements along with material consumption statement shall be submitted by the contractor in the last week of every month for processing their bill.
28. QUANTITIES shown in the attached schedule are only approximate and are liable to variation without entitling the contractors to any variation in the Quoted rates till the total value of the Contract does not vary by more than 20% (twenty percent)
29. The decision of In-charge for this contract shall be final and binding on the contractor regarding clarification of items of works.

30. In all matters of disputes, the decision of the General Manager, BHEL, Tiruchirappali-14 shall be final and binding on the Tenderer / Contractor.
31. BHEL reserves its right to reject any tender whose performance was not satisfactory in any other work / project of BHEL in India / Abroad.
32. No advance / mobilization advance will be given.
33. LD/Penalty clause is applicable as per General Conditions of Contract. All the terms & conditions in the documents are binding on the tenderers and BHEL reserves its right to accept / reject any or all the tenders without assigning any reason.
34. Also BHEL reserves its right to finalize the contract through reverse auction for which only qualified tenderers will be provided with necessary documents containing business rules, terms and conditions for this purpose.

NOTE:-

Tender for the work should be submitted in a sealed cover consisting of three inner sealed covers such as i) EMD cover ii) Qualification bid cover & iii) Price bid cover, all superscribing the name of work, tender schedule number etc.

EMD cover shall contain requisite EMD in the form of DD. Tenderers who had already remitted one time EMD should furnish the details of cash receipt No. _____ dt. _____, on the top of EMD cover. Tender without EMD / one time EMD reference will be summarily rejected and the qualification bid & price bid shall not be considered.

In case of tender documents downloaded from website, tender shall accompany the tender cost of Rs.750/- in the form of Demand Draft (separate) in addition to the EMD amount in the form of Demand Draft. Tender document (downloaded from website) without separate Demand Draft for tender cost and EMD will not be considered.

All Demand Draft shall be drawn in favour of **BHEL, Trichy** payable at Tiruchirappalli.

Qualification bid cover shall contain duly filled in qualification bid document signed by the tenderer in all the pages with documentary evidences for pre-qualification such as experience, value of work executed in the similar nature of work, etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation

The Price Bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. **The tenderer has to quote most competitive rates which shall not include Service Tax for all the items given in the Bill of Quantities from Page No. 18 to 20 of Price Bid.**

The completed qualification bid and price bid along with requisite EMD of **Rs.2,00,000/-** for this work in the form of Demand Draft in favour of BHEL shall reach the office of the undersigned on or before **20.11.13 at 14.45 hrs.** Tenderers who had already remitted one time EMD should furnish the details of cash receipt No. _____ dt. _____, on the top of EMD cover. EMD in any other form will not be accepted. The qualification bid will be opened on the **same day at 15.00 hrs.** In case of opening day falls on holiday or happened to be declared as a holiday, the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the qualification bid. You / your authorized representative may participate in the tender opening.

Bharat Heavy Electricals Limited
Tiruchirappalli - 14
HRM/Welfare

CIRCULAR

No.BHE:POW:340

Date : 17/04/2013

ALL CONTRACT EXECUTING/AWARDING OFFICIALS

Sub. : Minimum Wages Act 1948 – Fixation of Minimum rates of wages for the employment in “General Engg. and Fabrication Industry” – Revision of DA – Reg.
Ref. : Letter No.Z3/9887/2013 dated 19/03/2013 from the Commissioner of Labour, Chennai.600 006

Consequent upon the increase in Dearness Allowance payable under the Minimum Wages Act from Rs.2238.00 to Rs.3416.00 per month to those employed in “General Engineering and Fabrication Industry”, the Minimum Wages payable by the Contractors to their workmen engaged in the following categories would be as follows with effect from 01/04/2013:

Sl. No.	Category	Minimum Basic Wages per day	Minimum DA per day	Total Minimum Wages per day	Minimum Basic Wages per month	Minimum DA per month	Total Minimum Wages per month
1	Unskilled Worker	Rs.123.00	Rs.131.00	Rs.254.00	Rs.3690.00	Rs.3416.00	Rs.7106.00
2	Semi-Skilled Worker	Rs.133.00	Rs.131.00	Rs.264.00	Rs.3990.00	Rs.3416.00	Rs.7406.00
3	Skilled Worker	Rs.139.00	Rs.131.00	Rs.270.00	Rs.4170.00	Rs.3416.00	Rs.7586.00
4	Supervisor				Rs.3956.00	Rs.3416.00	Rs.7372.00

Contract Awarding Executives are requested to ensure that the contractors make payment to their workers not less than Minimum Wages as stated above.


17/04/13
Manager/HR/Welfare

Cc. : All HR Executives
Manager/HR/PC/Chennai
SDGM/HR/PPPU/Thirumayam
AGM/Finance
GM/Finance
AGM/HR
GM/HR



BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)
Unit : TIRUVERUMBUR, BOILER PROJECT, P.O.
TIRUCHIRAPALLI - 620 014.
CIVIL ENGINEERING DEPARTMENT

NOTICE INVITING TENDER

01. Name of work : **Sweeping, Cleaning of offices, shop floors, etc and swabbing Conference halls, AC/PC rooms etc in Factory Complex.**
02. Estimated Cost : **Rs.113.45 Lakh**
03. Earnest Money Deposit : **Rs. 2,00,000/-**
04. Completion Time : **TWELVE (12) Months**
(From the date of commencement of the work which will be reckoned from the date of the site, handed over to the Contractor)
05. Cost of Tender Document : **Rs.750/- (including Sales Tax)**
This amount will not be refunded under any circumstances
06. Last Date for Receipt of Tenders : **14.45 Hrs. on 20.11.2013**
07. Date of Qualification Bid Opening: **15.00 Hrs. on 20.11.2013**
08. Date of Price Bid opening : will be intimated to those who are qualified separately.
09. Maintenance Period : -

Tender document contains **40** pages in Qualification Bid and **27** pages in Price Bid including Bill of Quantities, Drawing etc.

Issued to Messrs. / Thiru :

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ISSUING OFFICER

CONTRACTOR

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ACCEPTING OFFICER

REVERSE AUCTION

BHEL reserves the right to go for a Reverse Auction (RA) instead of Opening the submitted sealed bid, which will be decided after technical evaluation. Information and general terms and conditions governing RA are given below.

GENERAL TERMS AND CONDITIONS OF RA

Against this tender for the subject work/system with detailed scope of work as per tender specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE 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 vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact & get trained.
4. Reverse Auction rules like event date, time, Start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.
5. Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to Participate in the event.
6. BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Taxes and Duties, Freight charges, Insurance and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.

The rate quoted shall not include service tax. However the service tax as applicable for this contract work and the same can be claimed from BHEL along with their monthly bills for further payment to be made to the authorities concerned. At present the rate of service tax is 12.36%. (Service tax + Edu. Cess+ Higher Sec. Edu. Cess). The contractor has to submit the payment challan as a documentary proof of having paid the service tax for the previous bill for which he has received the service tax payment along with the subsequent bill for which payment has to be processed

7. Reverse auction will be conducted on scheduled date & time.
8. At the end of Reverse Auction event, the lowest bidder value will be known on the network.
9. The lowest bidder has to Fax 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.
10. Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor 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's standard practice.
12. BHEL reserves the right to negotiate if need be, with the "L1" vendor of the Reverse Auction

SCHEDULE 'A'

LIST OF WORKS AND PRICES

DETAILS & QUANTITIES of each item of work shown in the BILL OF QUANTITIES are only approximate. They are given as a guide for the purpose of tendering only and are liable to variation and alteration of the Competent Authority. The work under each item as executed shall be measured and priced at the corresponding rate quoted by the contractor in the BILL OF QUANTITIES

Sl.No.	Description of work / supplied	Total amount of work / supplies (in figures and words) Rs. Ps.	Period of contract
1.	Sweeping, Cleaning of offices, shop floors, etc and swabbing Conference halls, AC/PC rooms etc in Factory Complex.	113,45,000/-	TWELVE (12) MONTHS

BILL OF QUANTITIES

Sl.No.	Appx.Qty.	Description of work	TNBP No.	Rate (Both in Unit fig & Words	Amount Rs.	Ps.
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AS PER SEPARATE SHEETS ATTACHED CONTAINING**3**.....PAGES

FROM PAGE No. **18** to **20**

SCHEDULE 'B'

1. The following materials will be issued FREE of cost to contractor at BHEL Stores / Stock yard.

SI.No.	DESCRIPTION	PLACE OF ISSUE
	NIL	

2. It will be the responsibility of the Contractor to submit his demands for the above stores in writing at east seven days in advance of the actual requirement.
3. Issue of Stores is subject of the availability at the place of issue cited above, items of stores to be issued by BHEL which are not available at the time of indenting by the contractor may be supplied by BHEL after necessary procurement. The contractor shall not be entitled to any claim of compensation for delay in the supply of stores by BHEL under any circumstances.
4. The materials will be issued only during the working hours of the BHEL Stores Department (8.00 a.m. to 4.30 p.m.). Contractor shall have to transport them to the site of work at his own cost as soon as they are issued to him.
5. The steel materials if issued will be in random lengths and sizes as stocked by the BHEL and the cost of all cutting, conversion, substitution and fabrication as well as wastage shall have to be borne by the Contractor.
6. The contractor shall from time to time render proper account of all materials issued to him by BHEL. If he fails to do so, no further issue of materials will be made to him and he will be held responsible for any delay in the execution of the work which may occur on this account.
7. Where A.C. Sheets and accessories, Doors, Windows, Sanitary fittings, Special glasses or other items are issued free of cost to the contractor, the contractor will have to make good at his own cost any loss or damage to any part or whole of the items issued to him as above. All wastage within the premises limits as fixed by BHEL will be charged for at the prescribed issued rates of BHEL. Excess wastage will be charged for at punitive rates which will be 100% higher than the issue rates.
8. All surplus materials in good condition which are not returned to the BHEL Stores as also quantities of materials consumed in excess of the max. Permissible limit as fixed by BHEL shall be charged for at punitive rates.

The decision of the Senior Engineer / Dy. Manager / Manager as to the extent to which materials have been rendered surplus or consumed in excess of the actual requirements shall be final and conclusive and binding on the contractor.

CONTRACTOR

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ACCEPTING OFFICER

SCHEDULE 'C'

ISSUE OF TOOLS AND PLANTS TO CONTRACTORS

Sl.No.	Qty.	Particulars	Details of BHEL Crew Supplied	Hire Charges Per unit Per Day	Place of Issue	of	Remarks
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.....Nil.....

- a. Machineries shall not be operated over time without the written permission of the Sr. Engineer / Dy. Manager / Manager.
- b. All Coolies, Watermen etc., required in addition to BHEL crew mentioned in column 4 above shall be arranged by the contractor at his own expense.

SCHEDULE 'D'

NOTE : All Drawings are to be signed by the Contractor as well as the officer entering into contract.

SL.No.	DRAWING NUMBER	DESCRIPTION
1.	BHE:CP:09:101/85	General Layout of Factory

SCHEDULE 'E'

LEAD STATEMENT

SI.No.	Name of Material	Name of Source	Lead Particulars both for Factory and Township
	--NIL--		

C.A.....Date
(To be used in conjunction with BHE Ltd., General Conditions of Contract)

AUTHORITY TO TENDER

Tender Notice No.: **06/13-14** Office of the
DGM/CIVIL/FACTORY (PLANNING & DESIGNS)
BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHY – 14.

Tender Schedule No.: **12/13-14**

~~Lumpsum / Percentage rate / Item rate~~ tender for works required in **“Sweeping, Cleaning of offices, shop floors, etc and swabbing Conference halls, AC/PC rooms etc in Factory Complex.”**

Messrs. are / is hereby authorized to tender for the above work. The Tender is to be delivered at the Office of the **SR.MANAGER/CIVIL/FACTORY (PLANNING)** Bharat Heavy Electricals Limited Unit, Thiruverumbur, Tiruchirappalli – 620 014 superscribing the name of works as mentioned above.

Any correspondence concerning this Tender should be addressed as indicated above quoting the Tender Notice, schedule No., and other relevant particulars.

BHARAT HEAVY ELECTRICALS LIMITED DO NOT BIND THEMSELVES TO ACCEPT THE LOWEST OR ANY TENDER.

Issuing Officer with
Designation

Contract Agreement No.....

TENDER

To

DGM/Civil/Factory/Planning & Designs
Bharat Heavy Electricals Limited
Unit : Tiruverumbur
TIRUCHIRAPPALLI – 620 014.

I / We hereby offer to carry out the work of **“Sweeping, Cleaning of offices, shop floors, etc and swabbing Conference halls, AC/PC rooms etc in Factory Complex.”**

I / We hereby carefully perused the following documents connected with the above noted work and agree to obide the same.

1. Specifications (General & Particular)
2. Drawings
3. Schedule ‘A’, ‘B’, ‘C’, ‘D’ & ‘E’ and Bill of Quantities attached hereto.
4. Schedule or rates
5. BHE Ltd., General & Special Conditions of Contract, Tender Notice and Instructions to Tenders attached hereto.

I / We forward herewith the sum of Rs.....as Earnest Money, which shall be refunded should this tender be rejected. I / We further agree to deposit such sum which along with the sum of Rs.....mentioned above shall make up 50% of the fully Security Deposit for this work as provided for under conditions of the BHARAT HEAVY ELECTRICALS LIMITED General Conditions of Contract.

I / We further agree to execute all the work referred to in the said documents upon the terms & condition contained or referred therein and as detailed in Schedule ‘A’ and Bill of Quantities annexure thereto an to carry out such deviations as may be ordered, vide conditions 6 of the BHEL Ltd., General Conditions of Contract upto a maximum of 20% of the tendered of Rs.....

I / WE further agree to refer all disputes, as required by condition 62 of the General conditions of Contract to the sole arbitration of an Officer, to be appointed by the General Manager, B.H.E.Ltd., in his sold discretion whose decision shall be final and binding.

WITNESS

Signature of the Contractor

Date:

1.

2.

GENERAL SUMMARY

1.	(a) Net Cost of works or building etc., from Schedule 'A' and Bill of quantities annexed thereto	Rs.
2.	Provisional sum	Rs.
	Total	Rs.
	
	

Rupees.....
.....
.....Shri
.....in the capacity of
..... has been duly authorized by me / use to sign the tender for
and on behalf of.....
.....

(in block letters)

Date:

SIGNATURE OF CONTRACTOR

Witness:

Postal Address:

1.....
Address

Telephone No.

2.....
Address

..... alternations have been made in the Tender Document and as evidence that these alternations were made before the execution of contract agreement, they have been initialed by the Contractor and the
.....
..... is hereby authorized to sign and initial on my behalf the documents forming part of this contract (Number of alternation in figures and words to be given me)

The above tender is accepted by me on behalf of the Bharat Heavy Electricals Limited, Unit Thriuverumbur, Tiruchirappalli – 620 014. for a sum of Rs.
.....
..... at the item rates as indicated in the Bill of Quantities attached to Schedule 'A'.

Signature Date.....

Designation

BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPPALLI - 14

BILL OF QUANTITIES

Name of work: Sweeping and cleaning of offices, shop floors, etc., and swabbing Conference Halls, AC/PC rooms, etc. in Factory Complex.

Sl. No.	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
1.		Sweeping, cleaning, washing and swabbing the following inside Factory complex including the shop floors areas but excluding areas covered by machineries, furnaces, etc., as per the frequency mentioned against each activity in Annexure-1 in all shop buildings, offices, staircases, swabbing of AC/PC rooms, conference halls, cobweb removal, cleaning of dining hall, etc. complete. After sweeping all the waste, dust, garbage, etc. to be disposed off to the nearby dustbins / dumping site as instructed by Engineer-in-charge. Payment will be made based on the actual quantum of work done and on acknowledgement from the user departments. Quoted rate shall include cost of labour, tools & plants, machineries, necessary chemicals, acids and other cleaning materials, incidentals, etc., complete. Required quantity of water, power and storage room will be given by BHEL at free of cost.			
a	18200000	Sweeping office area		100 Sq.m	
b	65200000	Sweeping shop floor area		100 Sq.m	
c	5000000	Swabbing Air-conditioned / PC rooms and conference halls		100 Sq.m	

CONTRACTOR

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ACCEPTING OFFICER

Sl. No.	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
d	310000	Cleaning of dining hall		100 Sq.m	
e	720000	Cob-web removal		Sq.m	
2	2000	Labour charges for <u>spraying chemicals</u> for mosquito / cockroach control inside factory and also for <u>fogging operation</u> in the entire area. All as directed by the department. All the required chemicals, equipments, machineries, etc. will be provided by BHEL at free of charges. The payment will be made based on the duration of the works done on hourly basis supported by log sheet maintained jointly.		Man Hour	
3	10000	Scrubbing and cleaning of oily substances in the floors inside shop areas, as per instructions of Engineer-in-charge. Rate includes cost of labour, hire and running charges for tools and plants, machineries, etc., necessary chemicals, acids and other cleaning materials, incidentals, etc., complete.		Sq.m.	
4	610	Operation of road sweeping machine ride on diesel engine operated Model TPS-VAC-SWEP-3D in all roads and yards at our factory complex. The scope of work includes operating the machine for sweeping the required area with proper signalling guidance by one helper and without affecting the flow of traffic by taking necessary safety precautions, attending minor maintenance of vehicle including filling of diesel and oil, cleaning etc, complete with help of a driver and a helper. All as per the instruction of engineer-in-charge. The rate is for a day of 08 hours of working. The sweeping machine and required diesel & oil will be provided/ supplied by BHEL at free of cost.		Day	

Sl. No.	Quantity	Description of work	Rate (both in figures and in words)	Unit	Total Rs. P.
5		Disposal of dead animals including burying the animals at designated places in Factory complex (inside/outside) as directed by Engineer-in-charge. All the tools & plants, materials required are in the scope of contractor.		.	
a	25	Cattle		Each	
b	50	Dog, Monkey, Peacock, etc.		Each	
c	75	Rat, Cat, etc.		Each	
6	305	Operation of Truck mounted Garbage Compactor of 4 Ton (6 Cum) Capacity at all areas of BHEL Complex. The scope of work includes driving the vehicles to the required locations moving / lifting the garbage bins to required positions, loading the garbage from by lifting the bins to the compactor, compacting, transporting, unloading and disposing in specified areas with proper signaling guidance by helpers without affecting the traffic flow by taking necessary safety precautions, attending minor maintenance of vehicle including filling of fuel, oil which will be supplied by BHEL at free of cost etc complete with help of a skilled driver and two helpers. The driver should possess valid heavy vehicle licence. All the operation shall be as per manufacturers specifications, safety norms and instructions of Engineer in Charge. The rate is for a day of 8 working hours		Day	
TOTAL			
Service Tax @ _____			

(RUPEES ONLY)

CONTRACTOR

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ACCEPTING OFFICER

- Note:**
1. The quantities given above are approximate requirement for 12 months period. The qty. may varies month to month .
 2. All the consumables should be got approved before effecting bulk supply / put into use.
 3. All labour, consumables etc. required for the work are under the scope of the contractor. The contractor has to deploy the required minimum man power as follows:

ITEM NO	WORK DESCRIPTION	MAN POWER	FREQUENCY	REMARKS
1.a to 1.e.	HOUSE KEEPING	67	DAILY	Un- Skilled
2	ANTI-MOSQUITO SPRAY	--	AS REQUIRED	Un- Skilled
3	OILY SUBSTANCES CLEANING	--	AS REQUIRED	As Required
4	S/W MACHINE OPERATION	4	DAILY	02 Drivers (Skilled) + 02 Helpers (Semi-Skilled)
5a to 5c	DISPOSAL OF DEAD ANIMAL	--	AS REQUIRED	AS REQUIRED
6	GARBAGE COMPACTOR OPERATION	3	DAILY	01 Drivers (Skilled) + 02 Helpers (Semi Skilled)
7	Manual Sweeping non road area	1	DAILY	Un Skilled
***	SUPERVISORS (for all items)	3	DAILY	Skilled

4

For all items of cleaning, required quantity of consumables as per Annexure 1 should be supplied every month and same to be used for each and every activity & time so that it should be clean and neat always. If the quantity of consumables consumed is less than the theoretical quantity, the cost of the consumables will be recovered at the rate indicated as under.

- 1) Vim or Equivalent = Rs.50 per Kg.
- 2) Liquid soap = Rs.60 per litre
- 3) Pine oil = Rs. 50 per litre
- 4) Liquid scent= Rs.1200 per liter.
- 5) Flower brooms = Rs 100 per piece.
- 6) Coconut brooms = Rs per piece
- 7) Shop floor cleaning brush = Rs 450 per piece
- 8) Cob web stick = Rs 75 per piece.
- 9) Mop Threads = Rs 85 per set.

- 5 Contractor is required to maintain proper logbook for the consumption of materials and submit to the department for its approval.
- 6 Contractor shall ensure that their working group should wear uniform and identity card while on duty.
- 7 Once in a month, bill should be prepared for the actual quantum of work done and submitted to Work-in-charge and the same will be scrutinized, certified and forwarded to Finance for payment.

8 The quoted rate shall be firm throughout the contract period. No cost escalation will be paid on any account.

9. The item rate offered shall provide for the complete cost towards labour, consumables, tools, plant & machinery, transport, supervision, overheads, profits & all other incidentals etc., complete. **The rate quoted shall not include service tax. However the service tax as applicable for this contract work and the same can be claimed from BHEL along with their monthly bills for further payment to be made to the authorities concerned. At present the rate of service tax is 12.36%. (Service tax + Edu. Cess+ Higher Sec. Edu. Cess). The contractor has to submit the payment challan as a documentary proof of having paid the service tax for the previous bill for which he has received the service tax payment along with the subsequent bill for which payment has to be processed**

10. The contractor shall ensure payment of minimum wages, Bonus to the workmen employed by him at the rates at which shall not be less than the minimum wage applicable under law from time to time.

11. The labourers shall be paid extra payment as mentioned below in addition to the payment of minimum wages, Bonus to the workmen employed by the contractor.

- a) Un skilled worker---RS. 2000/- per month
- b) Semi skilled worker Rs. 2300/- per month
- c) Skilled worker / Supervisor—Rs. 2500/- per month.

ANNEXURE -I

Monthly Requirement of Consumables for cleaning and periodicity of cleaning activities.

SI No	Consumable Items required every month	Consumables required for each month										Cleaning Time	
		Vim (or) Equivalent	Pine Oil	Soap Oil	Sanitary Scent (Perfume Liquid)	Dettol	Flower brooms	Coconut brooms	Shop floor cleaning brushes (Length =460mm, Breadth = 70 mm, Black thick hair of 80 mm Length)	Mop Thread	Cob-web remover (03 meters length)	F.N	A.N
	Description of Work	In Kgs	In Litres	In Litres	In Litres	In Litres	Pcs	Pcs	Pcs	Set	Pcs		
1	Sweeping office area						20.00	20.00				6.00 to 11.30	1.00 to 5.30
2	Sweeping shop floor area							240.00	20.00			6.00 to 11.30	1.00 to 5.30
3	Swabbing Air-Conditioned /PC rooms and conference halls		40.00	7.50	0.40	0.75				25.00		6.00 to 11.30	1.00 to 5.30
4	Cleaning of dining hall	14.00	2.00	0.50	0.10	0.25					4.00	8.00 to 9.30	11.30 to 3.00
5	Cob-Web removal										4.00	6.00 to 11.30	1.00 to 5.30
	Total Qty	14.00	42.00	8	0.5	1.00	20.00	260.00	20.00	25.00	4.00		

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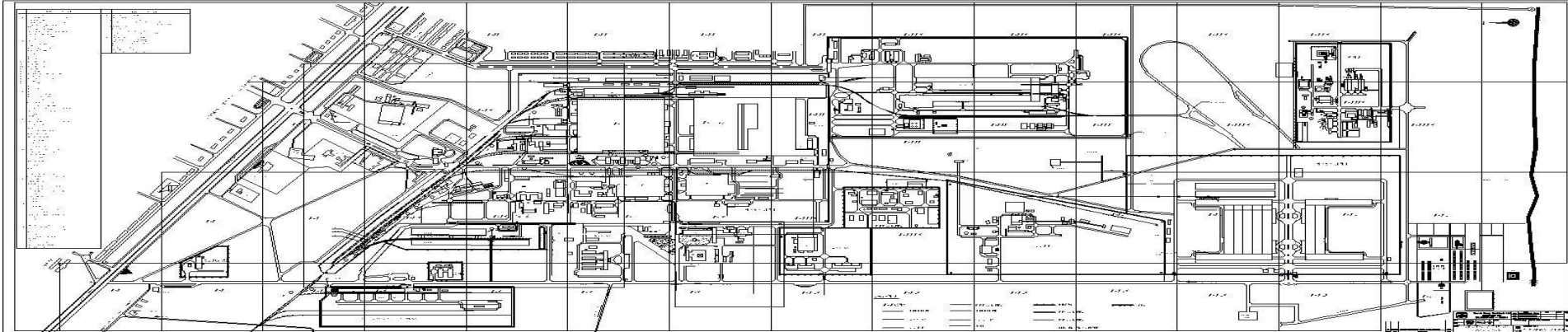
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SPECIAL CONDITIONS OF CONTRACT

1. The quantities given in the Bill of Quantities are approximate requirement for 12 months period.
2. All the consumables should be got approved before effecting bulk supply / put into use.
3. All labour, consumables etc., required for the work are under the scope of the contractor.
4. For all items of cleaning, required quantity of consumables as per Annexure-I should be used for each and every activity & time so that it should be clean and neat always. If the quantity of the consumables consumed is less than the theoretical quantity, the cost of the consumables will be recovered at the rates indicated in the BOQ under clause No.4 of Note.
5. The contractor is required to maintain proper log book for the consumption of materials and submit to the department for its approval.
6. The contractor shall ensure that only male labourers shall be engaged for the above activities and their working group should wear uniform & identity card while on duty.
7. The quoted rate shall be firm throughout the contract period. No cost escalation will be paid on any account.
8. The item rate offered shall provide for the complete cost towards labour, consumables, tools, plant & machinery, transport, supervision, overheads, profits & all other incidentals etc., complete. **The rate quoted shall not include service tax. However the service tax as applicable for this contract work and the same can be claimed from BHEL along with their monthly bills for further payment to be made to the authorities concerned. At present the rate of service tax is 12.36%. (Service tax + Edu. Cess+ Higher Sec. Edu. Cess). The contractor has to submit the payment challan as a documentary proof of having paid the service tax for the previous bill for which he has received the service tax payment along with the subsequent bill for which payment has to be processed**
9. The contractor shall strictly adhere to various labour laws in force.
10. The works will be governed by the BHEL Revised General Conditions of Contract in force.
11. Adequate labourers are to be deployed daily for carrying out all the works as indicated in the BOQ.
12. The contractor shall follow norms of BHEL security system for movement of men & materials within the complex including bio-metric system.
13. The workmen to be deployed by the contractor shall adhere to the safety / security rules and regulations of the Company and any person who is found to be violating the security / safety rules of the company shall be replaced immediately at the cost of the contractor.
14. Covered area for the purpose of office / rest room for the contract workers will be provided by BHEL at free of cost.

15. Water and electrical energy required for the work will be provided by BHEL at free of cost at the locations wherever possible.
16. The contractor shall carry out health performance test at his cost for all the workmen engaged in the work through a registered medical practitioner and produce certificate on demand.
17. It shall be the responsibility of the contractor to see that the departmental canteen facilities are not utilized by the workmen. The contractor has to make his own arrangements to provide refreshment for the workmen.
18. If any of the workers employed by the contractor is found to indulge in acts subversive of discipline, the same will be brought to the knowledge of the contractor and he shall arrange for replacement of such personnel.
19. Usually, working hours are limited to day time only. In emergency cases to carryout works during nights, it may be done so with the specific prior permission of BHEL. In such case, it is to be carried out in the presence of BHEL officials or their authorized persons.
20. The contractor has to carry out all the works on all days except Sundays and BHEL holidays under normal circumstances. However sweeping of all shop floors has to be done in Sundays and BHEL holidays, if required.
21. Contractor/Authorized representative must be present at site to supervise the activities on day-to-day basis and for giving necessary instructions regarding the work to be carried out.
22. The contractor shall maintain registers for entering the details of cleaning done in each bay / building and obtain the signature from the concerned officials daily for the work carried out.
23. All the tools and items like brooms (Coconut, Flower, Road cleaning Spl brooms), Cob-web remover, Shop floor cleaning brush, Mop thread with stick, Bamboo Basket, Gunny bags, plastic mug, plastic bucket (12 Lit. capacity), double wheel barrows, spray tank (10 – 12 lit capacity) & safety items (like boots, gloves, goggles, uniforms, etc.) will be under the scope of the contractor. Contractor should provide bi cycle to the supervisors deployed for the jobs for which necessary security permission will be arranged.
24. All the consumables, Tools & Plants used in the work shall be of approved quality and will be subject to periodical inspection by BHEL officials.
25. The contractor has to carryout the work in production shops without affecting the day to-day production activities.
26. Contractor's materials and tools & plant shall have to be brought inside the factory with proper invoice/voucher and make necessary entry in the Security gate. They should maintain proper record for materials, tools& plants, etc, brought inside the factory complex.
27. Statement of completed works with detailed certified measurements along with material consumption statement shall be submitted by the contractor in the last week of every month for processing their bill.
28. QUANTITIES shown in the attached schedule are only approximate and are liable to variation without entitling the contractors to any variation in the Quoted rates till the total value of the Contract does not vary by more than 20% (twenty percent)
29. LD/Penalty clause for this contract is applicable as per BHEL Revised General Conditions of Contract inforce.

30. The decision of In-charge for this contract shall be final and binding on the contractor regarding clarification of items of works.
31. In all matters of disputes, the decision of the General Manager, BHEL, Tiruchirappali-14 shall be final and binding on the Contractor



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