

NOTICE INVITING TENDER FOR PROVIDING WATERPROOFING TREATMENT TO BUILDING ROOFS IN BHEL R&D LAB COMPLEX.

TERMS & CONDITIONS

- I. **SCOPE of WORK:** The details of the scope of work is attached in Schedule A
- II. **Contract Period: Three (03) months**
- III. **Maintenance Period: One (01) Year.**
- IV. **Pre-Qualification Requirement:** The following conditions have to be satisfied by the tenderer, with documentary proof to be enclosed with tender bid (Technical)
 - a. Similar Experience- Experience of having successfully completed similar Civil works during last seven years ending previous day of last date of submission of application should be either of the following:
 - i. Three similar completed works each of value not less than 40% (Rs 3.38 L) of estimated cost put to tender (Or)
 - ii. Two similar completed works each of value not less than 50% (Rs 4.23 L) estimated cost put to tender (Or)
 - iii. One similar completed works each of value not less than 80% (Rs 6.76 L) estimated cost put to tender
 - iv. **Similar Work means: All works related to: Civil Maintenance/ Renovation/ Refurbishment/ construction works are considered as similar work.**
 - b. Average annual financial turn over during last 3 years, ending 31st March of the previous financial year, should be 30 % (Rs 2.54 L) of the estimated cost as mentioned against work in this notice.
 - i. Turn over- Previous year
 - ii. Turn over-1 year before previous year
 - iii. Turn over- 2 years before previous year
 - c. IT Returns - Copy of Income tax returns for last three years to enclosed
 - d. ESI No. - Copy to be enclosed
 - e. PF-CODE No. - Copy to be enclosed
 - f. PAN No. - Copy to be enclosed (in case not available, proof of having applied with acknowledgement from concerned authorities)
 - g. GST No. - Copy to be enclosed (in case applied for, proof of having applied with acknowledgement from concerned authorities)

NOTE:

1. Tenders without PAN, PF No., ESI, GST, etc. will be rejected.
2. Technical-bids will be scrutinized on opening of Technical-bid. In case the agency has not satisfied all the above conditions with documentary proof the offer will be rejected and price- bid will not be opened.

3. In case of a registered firm, all the documents shall be in the name of the firm. However, in case of sole proprietor or individuals, documents in favour of sole proprietor or individual is acceptable.
4. Tenderer presently working with BHEL R&D should submit requisite documents, even though such documents are submitted by them in previous contracts.
5. All the columns shall be filled with proper information.
6. The contractors are requested to sign on all pages in the documents.
7. **VALIDITY OF RATES:** The rates quoted should be valid for 90 days initially from the date of opening of the Techno-Commercial bid.
8. For this procurement, Public Procurement (Preference to Make in India 2017), Order 2017 dated 15-06-2017 ,28-05-2018 and 29-05-2019 and Subsequent Orders issued by respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of this contract/ PO/ WO against this NIT.
9. BHEL R&D reserves the right to reject or cancel the tender at any stage of the tender process without assigning any reasons thereof.
10. **Penalty:** Time is the essence of the contract, if the contractor fails to complete the work within stipulated time; the contractor is liable to pay at a rate of 0.50 % per week or part thereof for the value of the undelivered portion of the contract value, subject to a maximum penalty of 10% of the contract value.
- 11. Payment terms: Single payment after completion of work within 30 days against certification of satisfactory completion by Engineer I/C as below.**

Vendor to indicate appropriate applicable HSN code for Goods as well as SAC for services based on Inter/Intra state. In case the bidder has opted for composite GST scheme, the same may be stated explicitly in both and techno- Commercial & Price bids. BHEL will pay only basic price to the vendor and release the GST payment only when the proof of remittance is given.

We/ I agree to above conditions and certify that the particulars given are correct.

Signature of Contractor (S)

Seal

Date

:

Tenderer and Contractor's Certificate

I / WE hereby declare that I have pursued in detail and examined closely the Central Public Works Department Detailed Standard Specifications and its addenda volume and also the BHEL General Conditions of Contract, I / WE agree to be bound by and comply with all specifications contained in CPWD Standard Specifications and BHEL General Conditions of Contract, for the various items of work specified in the "SCHEDULE – A" and the work as a whole.

I/WE hereby declare that I / WE shall pay the statutory minimum wages to my workers as applicable from time to time. I shall also adhere to all the statutory obligations under Contract labour (Regulation and Abolition) Act 1971 and Rules framed there under with subsequent revisions if any.

Signature of Contractor(S)

Date:

SEAL:

DIRECTIONS TO PARTIES TENDERING

1. Any variation in market prices for these materials shall not change the agreed contract value.
2. In event of issue of materials, other than those specified in contract, by BHEL (for unforeseen reasons) at the request of the contractor for completion of the work, the materials would be charged at prevailing market value or at procurement price plus 12.5% handling charges whichever is higher.
3. The tenderer shall examine carefully the CPWD Detailed Standard Specifications and also the relevant clauses of the Standard Preliminary Specifications, before submitting his tender unit rates for finished work in situ. The contractor is advised to purchase a book of CPWD Detailed Standard Specification for his reference. He shall also carefully study the drawings, additional specifications and all other documents which form part of the contract agreement.
4. Each tenderer must submit Annual IT –Return from income tax authority for past three years. In the case of proprietary or partnership firm it will be necessary to produce this certificate for the proprietor/s and for each of the partners as the case may be. All tenders received without a certificate as aforementioned will be summarily rejected.
5. Tenderer is expected to satisfy himself about the expected work, quantity and quality before quoting his rates by inspecting the site of the proposed work.
6. Time shall be considered as essence of the contract. Date of commencement of this work will be the date on which the site (or premises) is handed over to the contractor.
7. The enclosures/schedule accompanying the tender shall be written legibly, in English. No over writing, correction shall be made on documents. Unavoidable correction should be made by crossing out the wrong information the corrections shall be endorsed and dated. Alteration without authentication by the tenderer in (i) the agreement form; (ii) the conditions of agreement and (iii) the drawing or specifications accompanying the same will not be recognized if corrected without endorsement. Any such alterations found in the tender shall disqualify the tender for acceptance.
8. The Tenderer shall not include any additional condition.
9. The Tenderer shall sign on each page of the tender schedule.
10. Rates quoted shall be firm throughout the period of contract.
11. Sub-contracting the work as a whole is not permitted.
12. The tender %age quoted by the contractor shall be inclusive of all taxes and duties other than GST as applicable from time to time.

13. BHEL's General Conditions of Contract as enclosed shall apply for this work.
14. Income Tax will be deducted as applicable.
15. GST will be deducted as applicable.
16. CESS or any other taxes at specified rates will be deducted as implemented by the State/Central Government from time to time.
17. Discrepancy in words and figures
 - a. If there is a discrepancy between words and figures, the amount in words shall prevail.
 - b. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored
18. SITEVISIT:
 - a. Before quoting, the tenderers are advised to inspect the site of work and its environments and be well acquainted with the actual working and other prevailing conditions, position of materials and labour related procedures & practices. They should be well versed with BHEL General Conditions of Contract, Instructions to tenderers, drawings wherever applicable and specifications and all other documents which form part of the agreement to be entered into subsequent to award of work. The tenderers shall specially note that it is the tenderer's responsibility to provide any item which is not specially mentioned in the specification or drawing, but which is necessary to complete the work
 - b. The tenderer/Bidder and any of his authorized personnel or agents will be granted permission by the BHEL to enter upon its premises and lands for the purpose of site visit. However, the bidder shall express condition that he, his personnel, and agents will be responsible against all liability in respect thereof, including death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.
 - c. The Bidder should inform the BHEL at least 2 days (time may be fixed in consultation with tender issuing authority) in advance about the proposed site visit. The Bidder, at his own responsibility and risk is encouraged to visit, inspect and survey the Site and its surroundings and satisfy himself before submitting his bid as to the form and nature of the Site, the means of access to the Site, the accommodation he may require , etc.
 - d. In general, Bidders shall themselves obtain all necessary information. A Bidder shall be deemed to have full knowledge of the Site, whether he inspects it or not and no extra claims due to any misunderstanding or otherwise shall be allowed. The cost of visiting the Site shall be at the Bidders' own expense. Any deviations of information in

the report and the actual site will not be the responsibility of the BHEL

19. **RISK PURCHASE:** BHEL reserves to itself the following rights in respects of this Contract without entitling the bidder for any compensation.

a) If at any time during the period of the contract, the bidder fails to tender all or any of the services required under the scope of work and the contract is unsatisfactorily in the opinion of BHEL, whose decision shall be final and binding on the bidder, BHEL reserves the right to get the work done by other parties or departmentally at the cost and risk of the bidder and also forfeit the security deposit.

b) To recover the dues from the bidder, from any payments due to the bidder under this or any other contract or from the Security Deposit.

c) To claim compensation for losses sustained including BHEL's supervision charges & overheads in case of termination of Contract

I/We agree to above term and conditions.

Signature of Contractor(s)

DATE:

SEAL:

TENDER FOR THE WORK

I/We _____

Do hereby tender to execute works of the under mentioned description and in accordance with the conditions noted below in consideration of payment being made for the quantity of work actually executed at the respective rates specified in Schedule 'A' here to.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of my/our tender I/We have carefully followed the instructions in the tender notice and have read the CPWD Detailed Standard Specifications and the clauses of the Preliminary Specifications/BHEL General Conditions of Contract and that I/We have made such examination of the contract documents and of the specifications, etc. and of the location where the said work is to be done and such investigation of the work required to be done, and in regard to the material required to be furnished as to enable me/us thoroughly understand the intention of the same and the requirements, convenient agreements, stipulations and restrictions; and distinctly agree that I/We will not hereafter make any claim or demand upon the BHEL, based upon or arising out of any alleged misunderstanding or misconception or mistake on my/our part of the said requirements, convenient, agreements, stipulations, restrictions and conditions".

I/We enclose an income tax verification certificate _____

_____/_____
_____ I /We have already produced an income tax verification certificate during the current calendar year in respect of (here particular of the previous occasion on which the certificate was produced should be given). _____

I/We agree to keep the tender open for acceptance for Ninety (90) days from the date of submission thereof and not to make any modifications in its terms and conditions which are not acceptable to BHEL.

After the tender is accepted, if I/We fail to commence the execution of the works as provided in the conditions, I/We agree that BHEL shall without prejudice to any of their right or remedy, be at liberty to forfeit the said earnest money.

Signature of Contractor (S)

Address:

DATE :

SEAL:

BHARAT HEAVY ELECTRICALS LIMITED
CORP RESEARCH & DEVELOPMENT DIVN
VIKASNAGAR :: HYDERABAD 500 093

UNPRICED PRICE BID

SCHEDULE -A

Name of the work: Providing waterproofing treatment to building roofs in BHEL R&D lab complex

Sl. No.	Description of Item of work	Quantity	Unit	Rate Rs./unit	Amount Rs.
1	Demolishing cement concrete work of any mix. including disposal of materials within 50 metres lead as directed by the engineer for Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	166.39	Cu.m	671.05	1,11,656.01
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	520.00	Sq.m	15.00	7,800.00
3	Grading roof for water proofing treatment with cement concrete 1:2:4 (1Cement: 2 Coarse sand :4 graded stone agregate20 mm nominal size). Cement will be supply by department at free of cost.	91.51	Cu.m	2463.90	2,25,476.39
4	Providing 20 mm thick Impervious Plaster with Cement mortar 1:3 (1 cement: 3 fine sand) finished with a floating coating of neat cement finish including mixing of Approved make liquid integral water proofing compound (This has to be added 200 ml for bag of cement or as per the manufacturers instuctions). Applying a coat of approved SBR sterene butadine rubber liquid or equivalent make of approved brand with water 1:1 And added with plain cement 2Parts and brush applied on the concrete surface before impervious plaster. All the corners of slab columns & parapet are to be rounded In all floors. Cement will be	1143.90	Sq.m	360.00	4,11,804.00

	supply by department at free of cost.				
5	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven storey height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & verticle tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc., and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for insepection of work at required locations with essential safety features for the workmen etc. complete as per the directions and approval of Engineerin-charge. The elevation area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	200	Sq.m	120.36	24,071.59
6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	166.39	Cu.m	101.75	16,930.18

7	Providing and fixing on wall face unplasticied Rigid PVC rain water pipes confirming to IS : 13592 Type A, including jointing with sealing confirming IS : 5382, leaving 10mm gap for thermal expansion, single socket pipes of 110mm diameter.	260.00	Rmt	184.08	47,861.33
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Total estimated value work Rs 8,45,599.50

N o t e	1. The bidders are required to quote their offer on percentage (%) basis at excess or less or on par (0%) with Total estimate value (to be treated as 100%) in figures and words in one of the rows given below.		
	2. Only One of the Rows below are to be filled in % only else the offer will be rejected		
	3. EVALUATION OF PRICE BID:		
	i. A single percentage (%) must be quoted for all categories mentioned in the price bid Proforma as the job would be awarded to one or more successful tenderer as per NIT criteria		
	ii. Price bid evaluation will be made on the basis of % quoted by bidder.		
	iii. In case more than one agency becomes L1 by quoting same value, further sealed quotations will be called for, from those L1 agencies only to decide final agency with further lowest rates. No agency shall quote more than his original tender value, while re-quoting. Further, in the event of two or more tenderers becoming L1, the selection of the tenderer for the purpose of awarding contract will be on the basis of LOTTERY to be held in presence of representatives of L1 tenderers”.		
	Tender %	In figure	In Words
	Excess		
	Less		
	Estimated		

Quote taxes (GST) _____ (%) Extra as applicable (maybe quoted separately for Material/Service if required)

Signature of Contractor(s)

SCHEDULE 'B'

ISSUE OF STORES TO THE CONTRACTOR

SNo	Particulars	Unit	Issue Rate
			Rupees
1.	Cement non-refundable bags	M.T.	FREE
2.	Mild steel rounds all diameters	M.T.	FREE
3.	Tor steel/Ribbed steel all diameters	M.T.	FREE

- A. The materials listed above will be issued from BHEL/R&D/Stores. It will be the responsibility of the contractor to submit his demand for stores in writing at least seven days in advance of the actual requirement.
- B. Issue of all stores is subject to the extent of their availability at the place of issue noted above. The Contractor should make his own arrangements for any or all of the materials shown above in case the BHEL desires so. The contractor shall not be entitled to any claim or compensation for non- supply of the materials or delay in the supply of stores under any circumstances.
- C. The materials will be issued only during the working hours on Tuesday and Friday. The Contractors shall have to transport them to site of work at his own cost as soon as these are issued to him.
- D. Where cost of stores issued, if any, is recoverable from the contractor, recoveries will be made from the running bills for the gross quantity issued and not on actual consumption on the basis of the net measured quantity on finished work.
- E. The contractor shall, from time to time, render proper accounts of all materials issued to him by BHEL. If contractor fails to do so, no further issued of the materials will be made to him and he shall be held responsible for any delay in the execution of the work which may occur on this account.
- F. Only Cement, Mild Steel & Tor-Steel 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 part or whole of the item issued to him as above.
- G. All surplus materials whether issued free of cost or on cost or on cost recovery basis are to be returned to the BHEL stores in good Condition. Quantities of materials consumed in excess of the actual requirement shall be charged for at punitive rates as listed below. The decision of the Engineer/Manager (Civil) as to the extent to which materials have been rendered surplus have been consumed in excess of the actual requirements shall be final and binding on the contractor.

Signature of Contractor

H. CEMENT:

For the purpose of determining the actual requirement of cement, the theoretical consumption of cement as per CPWD norms shall be considered by the Engineer/Manager (Civil). As per CPWD norms the following are the variation allowed in Cement consumption.

A > Work costing upto ₹ 2,00,000-00 : +/-5%

B > Work Costing from ₹ 2,00,000-00 to ₹5,00,000-00 : +/-4% C

> Work costing above ₹ 5,00,000-00 : +/-3%

STEEL:

Steel will be issued by weight duly weighing at Store as stocked by Bharat Heavy Electricals Ltd., The surplus steel is represented by the difference between the quantity received and the quantity required and utilised on the work with an allowance of 5% towards scrap. The contractor will be responsible for removal of scrap from the site in good time as Directed by the Engineer/Manager (Civil). The cut pieces retained as scrap shall be short than one metre in length.

Any variation in weight of steel issued should be brought to the notice of the Engineer/Manager (Civil) without any delay in writing for consideration.

PUNITIVE RATE FOR EXCESS/SHORT CONSUMPTION

1. CEMENT	₹ 7600-00 per M.T
2. MILD STEEL	₹ 4600-00 per Quintal
3. TOR STEEL	₹ 4650-00 per Quintal

Signature of Contractor

SCHEDULE 'C'

SERVICES VIZ, WATER & LIGHTING TO THE CONTRACTOR

1. WATER:

Water required for construction purpose shall be supplied by Bharat Heavy Electricals Limited. The supply will be made at convenient point to be determined by the AGM (CWC) and contractor has to make his own arrangements to distribute the water to places where required including cost of providing and fixing water meters. The charges for the consumption of water will be as under, where meters could not be provided by the contractor and prior permission for the same was obtained in writing from Manager (Civil). The following charge shall be applicable on the relevant line item value/amount, which requires consumption of water.

- | | |
|---|-------|
| i) On the water consumed items of the work of periodical maintenance of buildings | 0.25% |
| ii) On the water consumed items of the road works | 0.75% |
| iii) On the water consumed items of the other Civil Works | 1.00% |

2. POWER:

Electric power, if required, will be supplied at a convenient metered point, to be selected by Engineer- in-Charge Any extensions required will have to be arranged by the contractor himself. Energy consumed will be metered and charged at Rs. 8.00 (Rupees Eight only per unit).

Signature of Contractor

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, कॉर्पोरेट अनुसंधान और विकास , हैदराबाद –500 093 , भारत
BHARAT HEAVY ELECTRICALS LIMITED, CORPORATE RESEARCH AND DEVELOPMENT,
HYDERABAD – 500 093, INDIA
(प्रोजेक्ट विभाग - इलेक्ट्रिकल /PROJECTS DEPARTMENT- CIVIL LAB COMPLEX CLX-10)

SCHEDULE 'D'

TOOLS AND PLANT TO BE HIRED TO THE CONTRACTOR

(See Conditions 14 & 34A)

Sl. No.	Particulars	Number available	Hire charges per Unit per Working day ₹	Frequency of Maintenance	+value per unit	Place of issue	Number required by
1	2	3	4	5	6	7	8

Signature of Contractor_____

Date:_____

Signature of Issuing Officer_____

Date:_____

Note:

1. The tenderer shall indicate in column 8 the number required by him subject to the maximum indicate in column 3.
2. Column 6 is not to completed if condition 34 A committed from the General Condition of Contract.

Signature of Contractor

SPECIAL CONDITIONS OF CONTRACT

- 1 THAT the company after proper checking of the bills submitted by the said contractor will pay to him during the progress of the said work, at the said contract rates and agreed terms of payment, a sum as determined by the company in respect of the work executed by the contractor.
- 2 THAT the contract shall come into force with retrospective effect from the date on which the letter accepting the tender (letter of Intent) has been communicated to the said contractor.
- 3 THAT whenever under this contract or otherwise any sum of money shall be recoverable from or payable by the contractor the same may be deducted in the manner as set out in the conditions of contract as aforesaid.
- 3.1 It is also agreed between parties that the second party to the contract will ensure adherence to all statutory requirements under the State Rules in respect of service conditions for the employment of contract labour. The second party also hereby undertakes to get himself licensed from the appropriate authority as a contractor in accordance with Contract Labour (R&A) Rules, 1971. It is understood by the second party that for this agreement to be effective, the prime condition is his fulfilling the condition being licensed as a contractor under the state Legislation and the continuance of the agreement is subject to his sustained endurance of fulfilment of all statutory requirements including those contained in Labour Commissioner's Notification No.8385/79 in respect of employment conditions for contract labour and payment of wages as specified by the State Government. Further as and when there are changes in the service conditions/wages rates for contract labour, as notified by the State Labour Department, the same will be implemented even if the said modification is given at any time after the conclusion of the Agreement. Any violation in respect of absorbance of statutory requirement under the contract Labour (Regulation and Abolition) Act 1970, will make the Agreement liable for immediate termination in regard to paid holidays, the contractor will observe BHEL list of holidays as notified from time to time.
- 3.2 The Contractor shall ensure abidance by all the labour laws especially including contract Labour (R&A) Act, payment of wages, Workmen's Compensation Act, Minimum wages Act, as amended from time to time.
- 4 THAT the contractor shall be solely responsible for the safety and good conduct of the staff employed/ deputed by him at site. BHEL shall not have any obligation toward compensation or otherwise towards any incident, mishap etc.
- 5 THAT it is agreed between the parties that the non-exercise of any of the powers conferred on the Authorities of the company, will not in any manner constitute waiver of the conditions here to contained in those presents and the liability of the said contractor either of past or future compensation shall remain unaffected.

(प्रोजेक्ट विभाग - इलेक्ट्रिकल / PROJECTS DEPARTMENT- CIVIL LAB COMPLEX CLX-10)

- 6 Any claim or dispute arising under the terms of this document shall only be enforced or settled at any courts located at Hyderabad / Secunderabad / Ranga Reddy only.
- 7 THAT the expression BHEL wherever occurring means THE BHARAT HEAVY ELECTRICALS LIMITED, Corporate R&D Division Hyderabad-500 093 (Telangana State).
- 8 The contractor shall be responsible for safety of his workers while they are engaged for work connected with the contract. The Contractor shall be responsible for the appropriate usage of the PPE's by their workmen.
- 9 All safety equipment such as safety belts, helmets & other equipment (as required for this work) are to be positioned by the contractor & used as per requirement. Any casualty or damage caused to the property or person by any untoward incidents while executing this contract will be at the contractor's risk & cost.
- 10 Ponding test shall be carried out at a depth of 50 mm for 48 hours to determine the water tightness after closing all the outlets. Necessary remedial actions should be taken for any seepage or leakage of water. The waterproofing shall be considered satisfactory, if there are no leaks or damp patches shown in the area where work was done.
- 11 Compensation Clauses:
 - a) BHEL shall recover the amount of compensation paid to victim (s) by BHEL towards loss of life / permanent disability due to an accident which is attributable to the negligence of contractor, agency or firm or any of its employees as detailed below.
 - a. Victim: Any person who suffers permanent disablement or dies in an accident as defined below.
 - b. Accident: Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the manufacturing/operation and works incidental thereto at BHEL factories / offices and precincts thereof, project execution , erection and commissioning , services , repairs and maintenance, trouble shooting, serving, overhaul, renovation and retrofitting , trial operation, performance guarantee testing undertaken by the company or during any works/ during working at BHEL units/offices/townships and premises/Project sites.
 - c. Compensation in respect of each of the victims:
 - i. In the event of death or permanent disability resulting from Loss of both limbs: Rs 10,00,000/- (Rs Ten Lakh)

- ii. In the event of other permanent disability: Rs 7,00,000/- (Rs Seven Lakh).
- d. Permanent Disablement: A disablement that is classified as permanent total disablement under the provision to section 2 (i) of the Employee's Compensation Act 1923.

Signature of Contractor

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BHARAT HEAVY ELECTRICALS LIMITED, CORPORATE RESEARCH AND DEVELOPMENT,
HYDERABAD – 500 093, INDIA

(प्रोजेक्ट विभाग - इलेक्ट्रिकल /PROJECTS DEPARTMENT- CIVIL LAB COMPLEX CLX-10)

BHARAT HEAVY ELECTRICALS LIMITED
 CORP RESEARCH & DEVELOPMENT DIVN
 VIKASNAGAR :: HYDERABAD 500 093

PRICE BID

Schedule - A

Name of the work: Providing waterproofing treatment to building roofs in BHEL R&D lab complex

Sl. No.	Description of Item of work	Quantity	Unit	Rate Rs./unit	Amount Rs.
1	Demolishing cement concrete work of any mix. including disposal of materials within 50 metres lead as directed by the engineer for Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	166.39	Cu.m	671.05	1,11,656.01
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	520.00	Sq.m	15.00	7,800.00
3	Grading roof for water proofing treatment with cement concrete 1:2:4 (1Cement: 2 Coarse sand :4 graded stone agregate20 mm nominal size). Cement will be supply by department at free of cost.	91.51	Cu.m	2463.90	2,25,476.39
4	Providing 20 mm thick Impervious Plaster with Cement mortar 1:3 (1 cement: 3 fine sand) finished with a floating coating of neat cement finish including mixing of Approved make liquid integral water proofing compound (This has to be added 200 ml for bag of cement or as per the manufacturers instuctions). Applying a coat of approved SBR sterene butadine rubber liquid or equivalent make of approved brand with water 1:1 And added with plain cement	1143.90	Sq.m	360.00	4,11,804.00

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HYDERABAD – 500 093, INDIA

(प्रोजेक्ट विभाग - इलेक्ट्रिकल / PROJECTS DEPARTMENT- CIVIL LAB COMPLEX CLX-10)

	2Parts and brush applied on the concrete surface before impervious plaster. All the corners of slab columns & parapet are to be rounded In all floors. Cement will be supply by department at free of cost.				
5	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven storey height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & verticle tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc., and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for insepction of work at required locations with essential safety features for the workmen etc. complete as per the directions and approval of Engineerin-charge. The elevation area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	200	Sq.m	120.36	24,071.59
6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	166.39	Cu.m	101.75	16,930.18

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, कॉर्पोरेट अनुसंधान और विकास , हैदराबाद –500 093 , भारत
BHARAT HEAVY ELECTRICALS LIMITED, CORPORATE RESEARCH AND DEVELOPMENT,
HYDERABAD – 500 093, INDIA

(प्रोजेक्ट विभाग - इलेक्ट्रिकल / PROJECTS DEPARTMENT- CIVIL LAB COMPLEX CLX-10)

7	Providing and fixing on wall face unplasticied Rigid PVC rain water pipes confirming to IS : 13592 Type A, including jointing with sealing confirming IS : 5382, leaving 10mm gap for thermal expansion, single socket pipes of 110mm diameter.	260.00	Rmt	184.08	47,861.33
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Total estimated value work Rs. 8,45,599.50

N o t e	4. The bidders are required to quote their offer on percentage (%) basis at excess or less or on par (0%) with Total estimate value (to be treated as 100%) in figures and words in one of the rows given below. 5. Only One of the Rows below are to be filled in % only else the offer will be rejected 6. EVALUATION OF PRICE BID: i. A single percentage (%) must be quoted for all categories mentioned in the price bid Proforma as the job would be awarded to one or more successful tenderer as per NIT criteria ii. Price bid evaluation will be made on the basis of % quoted by bidder. iii. In case more than one agency becomes L1 by quoting same value, further sealed quotations will be called for, from those L1 agencies only to decide final agency with further lowest rates. No agency shall quote more than his original tender value, while re-quoting. Further, in the event of two or more tenderers becoming L1, the selection of the tenderer for the purpose of awarding contract will be on the basis of LOTTERY to be held in presence of representatives of L1 tenderers".	
	Tender %	In figure
	Excess	
	Less	
	Estimated	

Quote taxes (GST) _____ (%) Extra as applicable (maybe quoted separately for Material/Service if required)

Signature of Contractor(s)