



हरिश-चन्द्र अनुसंधान संस्थान
Harish-Chandra Research Institute

TENDER FOR

**“CIVIL WORK RELATED TO BOUNDARY WALL, WATCH TOWER
& MAINTENANCE OF RAIN WATER PIPE” AT HRI,
PRAYAGRAJ -211 019**

TENDER NOTICE NO. HRI/32/2025

Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj

INVITING TENDER FOR

CIVIL WORK RELATED TO BOUNDARY WALL, WATCH TOWER & MAINTENANCE OF RAIN WATER PIPE AT HRI, PRAYAGRAJ

Bid Reference No. : NIT – HRI/32/2025

Last date and time for submission of bids : 09.10.2025 up-to 1100 Hrs.

Date and time of opening of Bid : 10.10.2025 up-to 1200 Hrs.

Place of Opening of Bids : Harish-Chandra Research Institute
Chhatnag Road, Jhunsi,
Prayagraj-211019

The dates for submission and opening of the tender mentioned above are final. In case some other dates for these are mentioned elsewhere in the tender document, the above shall prevail over them.

1. Tenders should be submitted only through CPP portal and obtain the Tender Acknowledgement copy as a proof of successful submission. For instruction of online bid submission, please ref. page – 03.
2. The details of tender notification can be downloaded from “<https://eprocure.gov.in/eprocure/app>”.
3. Tender documents for viewing only are also available on HRI web-site address: www.hri.res.in/tenders

Address for any clarification/communication : Mr. Vijay Srivastava SO-C,
0532-2274362,
(vijay@hri.res.in),
Mr. Manish Sharma SO-E,
0532-227 4358,
(manish@hri.res.in)
ENGINEERING SECTION,
HARISH-CHANDRA RESEARCH
INSTITUTE, PRAYAGRAJ

This document contains : 18 Pages

It will be the responsibility of the bidders to check website www.hri.res.in & CPP portal for any amendment through corrigendum in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly.

Sd/
Seal & Signature
Registrar, HRI

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

REGISTRATION

Bidders are required to enroll on the E-Procurement module of the Central Public Procurement Portal (**URL: <https://eprocure.gov.in/eprocure/app>**) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP portal. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III certificates with signing key usage) issued by any certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.) with their profile. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead for misuse. Bidder then logs in to the site through the secured log-in by entering their user ID/password and password of the DSC/e-Token.

SEARCHING FOR TENDER DOCUMENTS

There are various search options built in the CPP portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization Name, Form of Contract, Location, Date, other keywords etc. to search for a tender published on the CPP Portal. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS/email in case there is any corrigendum issued to the tender document. The bidder should make a note of the unique tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

PREPARATION OF BIDS

Bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid: Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

Harish-Chandra Research Institute
Chhatnag Road, Jhunsi, Prayagraj

Name of work: Civil work related to boundary wall, watch tower & maintenance of rain water pipe at HRI, Prayagraj

Tender Notice No.: HRI/32/2025

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SECTION - I

NOTICE INVITING TENDERS

HARISH-CHANDRA RESEARCH INSTITUTE
CHHATNAG, ROAD, JHUNSI, PRAYAGRAJ – 211 019

TENDER NOTICE NO. HRI/32/2025

E-tender in two bids system are invited on behalf of the Director, Harish-Chandra Research Institute from eligible Contractors up-to **11.00 a.m.** on **09.10.2025** and only technical bid shall be opened on **10.10.2025** at **12.00 p.m.** for the work ***“Civil work related to boundary wall, watch tower & maintenance of rain water pipe” at HRI, Prayagraj.***

Estimated Cost	EMD	Performance Security	Security Deposit	Time of completion
Rs. 20.61 Lakh	Rs. 41,220/-	@ 5% of work order value	@ 2.5% of work order value	3 months

Director, HRI reserves the right to accept or reject any or all the Tenders without assigning any reason.

Sd/-
Registrar
HRI, Prayagraj.

SECTION - II

TERMS & CONDITIONS

TERMS & CONDITIONS

E-tender in two bids system is invited from eligible tenderers for **Civil work related to boundary wall, watch tower & maintenance of rain water pipe**

Following instructions should be strictly followed while submitting your tender.

1. The bid submitted by the bidders should be valid for a period of 180 days from the date of the opening of technical bid. However, the bidder to whom work will be awarded, their bid will be considered valid till execution of contract agreement.
2. Deadline for receipt of tenders (Part-1 & Part-2) is **11.00 a.m.** on or before **09.10.2025**. Late submission will not be entertained on any account.
3. The Part-I of tender will be opened at the above office at **12.00 p.m.** on **10.10.2025** and your authorized representatives can be present at the time when the tenders are so opened and opening time of Part-2 (Price Bid) will be intimated later on to qualified bidder of Part-1 only. If on the day of opening of tender, holiday is declared in HRI then tender will be opened on next working day at same time.
4. Account payee demand draft, fixed deposit receipt, banker's cheque or Bank Guarantee from any of the Commercial Banks guaranteed by the Reserve Bank of India for the **Earnest Money Deposit of Rs. 41,220/-** in favour of Registrar, HRI, Prayagraj. No exemption for EMD will be entertained. The tender of parties submitted without EMD shall be rejected. The EMD should be valid for a period 45 days beyond the validity period (90 days) of the tender. Bidder should prepare the EMD as mentioned above. The scanned copy of EMD should be uploaded with tender document. The original should be put in Tender box kept at Reception of Institute building, HRI, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.
5. Following document/details is to be submitted by tenderer with their technical bid.
 - a. Party should have average annual turnover of not less than Rs. 20.61 lakhs on construction work during last three years ending 31.03.2025. They have to submit document related to turnover and profit & loss statement as a proof. The document should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.
 - (i) Year 2022-2023
 - (ii) Year 2023-2024
 - (iii) Year 2024-2025
 - b. Profile of firm including name of owner, official telephone no./ e-mail address:
 - c. Copy of PAN & GST registration certificate
 - d. The applicant should have valid Solvency of Rs. 8.2 lakh certified by his bankers
 - e. Experience of having successfully completed works during last seven years ending day before opening of technical bid. The party has to submit work order copy, Performance and satisfactory completion certificate of the concerned work.
 - (i) **Three (03) similar works completed** costing not less than Rs. 8.2 lakhs each
OR
Two (02) similar works completed costing not less than Rs. 12.4 lakhs each
OR
One (01) similar works completed costing not less than Rs. 16.5 lakhs
and
 - (ii) **One completed similar work** (either part of (i) or a separate one) costing not less than Rs. 8.2 lakhs with some Central/State Government Organization/Central Autonomous Body/Central Public Sector undertaking during last seven years ending day before opening of technical bid.

Similar work shall mean: Civil work related to construction/maintenance. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of tender.

The performance for each work completed in the last seven years should be certified by an officer not below the rank of Executive Engineer or equivalent.

- f. List of works in hand & List of similar works carried out by them for last 7 years indicating; i) Agency for whom executed, ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work.
 - g. Tender acceptance letter (ref. annexure-I) mentioned on page no. 12
 - h. List of construction plant, machinery, equipment's, accessories & infrastructure facilities possessed by the agency to complete the work in time.
 - i. List of technical staff possess and proposed to deploy for this work.
6. **If the party does not fulfill the criteria of turnover, solvency, work experience, registration under GST and does not provide Tender acceptance letter as mentioned above in point no. 5 then they will not be considered in this tender.**
 7. If the bidders do not submit the required document/details with their bids then Institute may ask the bidders to submit the details/documents after opening of their bids. The concerned documents may be asked to submit on portal/e-mail/ by post etc. However, if three or more bidders are qualifying in the tender then bidders will not be asked to submit the details after opening of their bid.
 8. The tenders submitted by fax/email will not be considered. No further correspondence will be entertained on this matter.
 9. The applicable labour cess related to this work will be deducted from the bill amount.
 10. If the contractor fails to execute and complete the work otherwise fail to comply with any of the terms and conditions of this order, then the Institute shall be at liberty without avoiding this order forthwith, to require the contractor to remove his workmen from the site and to take the work out of the hands of the contractor and to employ any other person to execute and use all materials, tools, scaffolding, plants, implements and things on or about the work, and thereafter neither the contractor nor his workman shall have any power to intervene with any person employed by the Institute. All expenses and damages to property incurred by the institute, consequent on the employment and certified by Engineer-in-charge and shall be paid to the Institute by the contractor or deducted by the Institute from any money due to or to become due to the contractor in this work or any other work done by contractor in HRI.
 11. Party should quote their rate inconsideration of material, labour, tools & plants, scaffolding etc. and all applicable taxes in the SOQ. The rate quoted by party will be considered as fixed and no other charges will be paid.
 12. The quantity mentioned under schedule of quantities is tentative. The payment will be made based on actual quantities which will be utilized during execution of work.
 13. If bidder do not quote rate of any item under schedule of quantities or left the rate column blank then their bid will be treated as unresponsive & shall not be considered.
 14. The lowest bidder will be finalized based on overall quoted amount in this tender. However, total amount will be considered based on sum of individual items.
 15. The time of completion of work is **3 months** and shall be reckoned from 7 days after the date of issue of work order.
 16. Neither the security deposit nor the retention money shall bear any interest.
 17. Incomplete tenders are liable to be rejected.

18. If the Government imposes any new taxes on this concerned nature of work after issuing the work order then same may be reimbursed to party if they submit the relevant proof of that.
19. The contractor will have to take all measures at their own cost related to safety of workers during execution of work.
20. The contractor shall, at all times, take due and proper precautions against accidents or injury to the workers or any person or property, and shall indemnify the company for all motion's suits or any damage or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the contractor or not.
21. Any condition imposed by the party in this tender at their own will not be considered. There will no liability of HRI to take any clearance from party in that regard.
22. The contractor shall not assign or sublet the contract for the work of any part thereof.
23. The contractor shall allow the Engineer-in-charge or their representative to inspect and supervise the work during its progress.
24. The contractor shall, at his own expenses, within one week from the completion date, remove all tools, plants, scaffoldings, implements and unused materials from the site and leave the same in a clean and proper state, to the satisfaction of the Engineer-in-charge.
25. The Contractor shall agree and undertake to totally indemnify HRI against all expenses, claims, payments, dues, fines, penalties, compensations, liabilities, and losses whatsoever which the HRI may suffer due to the default, violations, omissions thefts, or non-compliance of the statutory and/or contractual obligations committed by the Contractor or its employed. The HRI shall also have the right to deduct and recover all such losses and expenses etc. from any payments due to the Contractor besides seeking appropriate legal remedies for the balance amount or relief, if any.
26. **Payment terms:** Party may submit RA bill after completion of 25/50/75% of work for payment and final bill after completion of work.
27. No escalation clause related to price hike of material & manpower is applicable in this work.
28. The defect liability period of the work is for six months. During this period if any problem comes related to executed work, then party will have to repair the work at their own cost.
29. An amount equal to 2.5% of order value towards Security Deposit shall be recovered from the bill amount. The security money will be returned after 12 months from the date of completion of work and submission of certificate by contractor that there is no statutory liability (taxes etc.) due on him for this work. If the party deposit equal amount of security money in the form of FDR/BG then required security money may be adjusted or released on the request of party. In addition, the contractor shall be required to deposit an amount equal to 5% of the order value of the contract as performance security (in the form of Demand Draft/FDR/B.G. of scheduled Bank guaranteed by the Reserve Bank of India) within 7 days from the date of award of letter of intent. If the performance security is not submitted by the contractor within stipulated period, then a penalty @0.1% per day of performance security will be imposed. The performance security will be released after completion of work alongwith the final bill. A draft of B.G. for performance security is given (ref. page no. 13, however, some changes in this format may be made by Competent authority of HRI at time of award of LOI).
30. If the party delays the work without any justified reasons, the penalty would be imposed on them. This will be @1.5% of the order value per month from the end of stipulated period/ (extended the period if any) of contract till the actual completion of work. However, penalty amount will not be more than 10% of order value. If it is found that party is not taking interest during delay period for completing the work then competent authority of Institute may also take decision for terminating the order/contract of concerned work. In this case, EMD & Security money of the party will be forfeited. In addition, party may be debarred to participate in any tender of HRI for a minimum period of two years or decided by competent authority, HRI.

31. **Party will have to make their own arrangement for cable, generator etc. for welding work at the site. If it is possible to provide electricity supply somewhere, then it can be provided with the applicable electricity charges.**
32. If the water will be supplied by department, then changes will be recovered@1% gross value of work done.
33. All labour regulation applicable by the central Labour Commissioner of Govt. of India shall be adhered to strictly.
34. In case the party shows unwillingness to do work after opening of their tender then their EMD, will be forfeited to HRI. In addition, party may be debarred to participate in any tender of HRI for a minimum period of two years or decided by competent authority, HRI.
35. The word party or tenderer or contractor mentioned in the tender documents will be considered for those who are participating in this tender.
36. Party has to ensure gate entry (at Security gate, HRI) for any material before bringing at site. In this connection, they have to submit challan copy of materials in Engineering office at HRI for records.
37. For any information/clarification in this tender, you may contact Engineering Section, HARISH-CHANDRA RESEARCH INSTITUTE, during office hrs. (9.00 a.m. to 5.30 p.m.) on any working days.
38. Decision of the Director of the Institute will be final & binding for all concerned.
39. Director, Harish-Chandra Research Institute reserves the right to reject any or all tenders without assigning any reason whatsoever. Harish-Chandra Research Institute would not be under any obligation to give any clarifications to those contractors whose tenders have been rejected.
40. All disputes will be subject to Allahabad jurisdiction.
41. The party will have to do work as per given specification and also to follow relevant IS code related to the concerned work.
42. The contractor will have to supply new and good quality of materials as per given specification under schedule of quantities (Price bid). In case of doubt related to any supplied material by the contractor, testing of material may be get done by any agency and for this the cost involved will be borne by contractor. If it is found that contractor has deliberately supplied the defective/wrong material then their tender may be cancelled. In this case, EMD & Security amount of contractor will be forfeited and they also be debarred for minimum period of five year (or as decided by the competent authority, HRI) to participate in any tender of HRI.

Note: The contractor acknowledge that he has satisfied himself as to the nature and location of the work before submitting the tender.

DECLARATION BY THE CONTRACTOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 42. This is also certified that I/We/our principal manufacturing firms have no objection in signing the contract if the opportunity for the items against this tender is given to me/us.

Date:

Signature:

Address:

Designation:

Name:

On behalf of company Seal:

Party should sign this page alongwith stamp and attach scan copy of this with their technical bid
--

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

DRAFT FORMAT OF B.G. FOR PERFORMANCE SECURITY

To,

The Director

Harish Chandra Research Institute,
Chhatnag Road, Jhansi,
Prayagraj - 211019

Dear Sir,

WHEREAS _____ <name of the service provider agency / bidder>, represented by its Managing Director (or whatever designation authorized person holds) having administrative Office at _____) (hereinafter called "Service Provider Agency") has undertaken a job in pursuance of Work Order No HRI/_____ dated _____ 2021 and subsequent contract dated _____ for "Annual Operation and maintenance of Air-conditioning Package units & Comprehensive maintenance of other individual AC units" at Harish Chandra Research Institute (HRI), Prayagraj (Allahabad), an Institution under administrative control of Department of Atomic Energy, Government of India herein after called "**the Contract**".

AND WHEREAS it has been stipulated by you in the said Contract that the Service Provider Agency shall furnish you with a bank guarantee by a Nationalised/Scheduled Commercial Bank for the sum specified therein as performance security for compliance with its obligations in accordance with the Contract;

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

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the Service Provider Agency, up to a total of **Rs. ----- (Rs ----- only)** which shall be referred to as '*amount of guarantee*', and we undertake to pay you, upon your first written demand declaring the Service Provider Agency to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee i.e **Rs. -----**) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Service Provider Agency before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between you and the Service Provider Agency shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be a continuing guarantee and shall not be discharged by and change in the constitution of the Bank or in the constitution of M/s. _____.

This guarantee shall be valid until the <dd/mm/yyyy). {This date to be defined as per clause 11 of Terms and Conditions of tender

.....
(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

SECTION - III

PART-2

FINANCIAL BID

Schedule of quantities

Tender Inviting Authority: Director, Harish-Chandra Research Institute

Name of Work: Civil work related to boundary wall, watch tower & maintenance of rain water pipe at HRI, Prayagraj

Contract No: HRI/32/2025

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(This BOQ template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (including all taxes) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT INCLUDED ALL TAXES in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kind of soil	310	Cum		0.00	INR Zero Only
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	12	Cum		0.00	INR Zero Only
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	45.5	Cum		0.00	INR Zero Only
4	Centering and shuttering including structting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete	505	Sqm		0.00	INR Zero Only
5	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete . Thermo mechanically treated bars	4500	Kg		0.00	INR Zero Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (including all taxes) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT INCLUDED ALL TAXES in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : Cement mortar 1:3 (1 cement : 3 coarse sand)	10	Sqm		0.00	INR Zero Only
7	Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : 1:6 (1 cement : 6 coarse sand)	5.5	Cum		0.00	INR Zero Only
8	15mm cement plaster of mix: 1:6 (1 cement: 6 coarse sand)	205	Sqm		0.00	INR Zero Only
9	Steel work welded in built up sections/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar work	2180	Kg		0.00	INR Zero Only
10	Finishing walls with water proofing cement paint of required shade. Old work (one or more coats @ 2.20 kg/10 sqm) complete.	200	Sqm		0.00	INR Zero Only
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shad : one or more coats	120	Sqm		0.00	INR Zero Only
12	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	0.5	Cum		0.00	INR Zero Only
13	Providing & fixing UV stabilised fiber glass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.2.0 mm thick	8	Sqm		0.00	INR Zero Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (including all taxes) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT INCLUDED ALL TAXES in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
14	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead	100	Kg		0.00	INR Zero Only
15	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. For M.S. tube, pipe	100	Kg		0.00	INR Zero Only
16	Providing and fixing in position 4 mm tk. APP sheet above window for sun shed as per requirement and direction of Engineer- in - Charge	10	Sqm		0.00	INR Zero Only
17	Providing and fixing 2mm thick Standard polyvinyl chloride resin binder flooring colour of Flooring shall be approved by the Engineer in charge.(Weight should not be less then 4.-5 Kg/Sqm)	2	Sqm		0.00	INR Zero Only
18	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture. Over all watch tower	1	Job work		0.00	INR Zero Only
19	Providing and fixing in position 110 mm dia PVC rain water pipe, working pressure 6kg/sqcm, wall thickness not less then 5.3mm including jointing with existing 110 mm MS pipe with 110 mm PVC flange and required nut bolt, clamping wherever required, including all fitting, cutting and jointing the pipe with PVC solvent, including testing the joints complete as per direction of Engineer in charge. Make: Astrial, Supreme, Finolex	80	RM		0.00	INR Zero Only
20	Clamping of existing 110 mm dia PVC rain water pipe with good quality MS Clamp, nut bolt and required wooden/rubber back support as per direction of Engineer in charge	250	Each		0.00	INR Zero Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (including all taxes) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT INCLUDED ALL TAXES Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
	Replacing of existing rain water flange with new 110 mm dia PVC flange schedule 80 110 mm 1 Pair wherever required with PVC solvent, nut bolt and testing the joints complete as per direction of Engineer in charge. Make Astrial, Supreme, Finolex	9	Each		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				