



HARYANA POWER GENERATION CORPORATION LIMITED

Regd. Office – C-7, Urja Bhawan, Sector- 6, Panchkula

Corporate Identity Number: U45207HR1997SGC033517

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Tender Document

Supply, Erection, Testing and Commissioning of Boiler Tube Leakage Detection System at Unit-2 (600MW), RGTPP, Khedar, Hisar.

NIT No.: -03/C&I-II/RGTPP/1901/Volume-II

Dated: -20/03/2026

Executive Engineer/C&I-II
For Chief Engineer/RGTPP
HPGCL, KHEDAR, HISAR.
Tel.: - 01693-250116
Mob. No. 8222023562

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NOTICE INVITING E-TENDER AND KEY DATES

E-tender in two parts are invited on behalf of CE/RGTPP, HPGCL, Khedar, Hisar from eligible parties for **Supply, Erection, Testing and Commissioning of Boiler Tube Leakage Detection System at Unit-2 (600MW), RGTPP, Khedar, Hisar.**

Tender Enquiry No.	NIT No.:-03/C&I-II/RGTPP/1901/Volume-II Dated: 20/03/2026
Description of Work	Supply, Erection, Testing and Commissioning of boiler tube leakage detection system at Unit-2 (600MW), RGTPP, Khedar, Hisar.
Earnest Money	Rs 147700/-
Period of Contract	As per terms and condition of contract
Cost of Tender documents (Non-refundable)	Rs. 1,180/-
E-services fees (Non-refundable)	Rs. 1,180/-
Start date and time of tender uploading	20.03.2026 & 15.00 hrs
Last date for submission of online tender	13.04.2026 & 10.00 hrs
Due date & time of opening of technical bid (Part-I)	15.04.2026 & 15.00 hrs
Contact Information	XEN/C&I-II E-mail Id: xenci2.rgtp@hpgcl.org.in M. No. : 8222023562,01693250116

Information Regarding Online Payment of Tender Document, e-Service & EMD Fee

1. The Bidders can download the tender documents from the Portal:<https://etenders.hry.nic.in>
2. The Bidders shall have to pay for the Tender documents, EMD Fees & e-Service Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks. The Payment for Tender Document Fee and e-Service Fee can be made by eligible bidders/contractors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS/NEFT. For online payments, Home page of the e-tendering portal <https://etenders.hry.nic.in> may be referred.
3. If the tenders are cancelled or recalled on any grounds, the tender document fees & e- service fee will not be refunded to the agency.
4. Unless exempted specifically, tenders not accompanied with the prescribed EMD/Cost of Tender shall be rejected. EMD/Cost of tender shall be in the prescribed mode of payment as asked in the NIT; otherwise, the tender shall be liable to be rejected.

The following are exempted from depositing the earnest money: -

- (i) Central/Haryana State Government agencies applying in response to the tender.
 - (ii) Firms borne on D.G.S.&D/DS&D Haryana rate contracts. The exemption shall be for the specified items which are available on DGS&D/DS&D rate contract.
 - (iii) Firms registered with the Director of Industries, Haryana or registered with National Small Scale Industries Corporation, Govt. of India. The exemption shall be for the specified items which are available on Director of Industries, Haryana/National Small Industries Corporation Rate Contract.
 - (iv) Firms borne on the HPGCL's approved list of suppliers which may have made a permanent earnest money deposit of Rs.10.00 Lacs for quoting at the respective Project/office of HPGCL, or Rs. 20.00 lakh for quoting anywhere in the HPGCL, if they quote the registration number given by the respective project/office of HPGCL in their tender papers.
 - (v) Bidders who have contractor Identity and are registered on HEWP & have deposited one time deposit are also eligible EMD exemption. However, bidder shall submit bid specific Earnest Money Declaration Form generated from HEWP.
5. **EMD Exemption for MSME firm is not applicable to Service Sector as directed by DS&D Haryana.**
6. The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid). The bidders shall quote the prices in price bid format.
 7. Submission of bids will be preceded by submission of the digitally signed and sealed bid (hash) as stated in the time schedule (key dates) of the tender.
 8. The tenderer can submit their complete PQR tender documents (online) as per the dates mentioned in the key dates in annexure-II.

**Executive Engineer/C&I-II,
For Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.**

INSTRUCTIONS TO BIDDERS ON ELECTRONIC TENDERING SYSTEM

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. **Registration of bidders one-procurement portal**

All the bidders intending to participate in the tenders processed online are required to get registered on the centralized e-procurement portal i.e. <https://etenders.hry.nic.in>. Please visit the website for more details.

2. **Obtaining a Digital Certificate**

2.1. The Bid submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.

2.2. A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master/Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website- <https://etenders.hry.nic.in>.

2.3. Tenderers may contact for any support regarding tender submission/obtaining digital signature etc. at following nos./email ids:-

E-mail: support-eproc@etenders.hry.nic.in or oreproc.nichry@yahoo.com

HelpDesk: 0120-4001002,05,0120-4200462,0120-6277787,0172-2700275

2.4. Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt the data and sign the has during the stage of bid preparation & hash submission. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised to keep a back up of the certificate and also keep the copies at safe place under proper security (for its use in case of emergencies).

2.5. In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate/power of attorney /lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.

2.6. In case of any change in the authorization, it shall be the responsibility of management/partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person/user on behalf of the firm/company. The procedure for application of a digital certificate however will remain the same for the new user.

2.7. The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

2.8. Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <https://etenders.hry.nic.in>.

- 2.9. For help manual please refer to the 'Home Page' of the e-procurement website at <https://etenders.hry.nic.in> and click on the available link 'How to .?' to download the file.
- 2.10. Before submitting tenders the instructions may be read carefully regarding submission of tender. If any bidder finds discrepancies or omissions in the tender documents or is in doubt as to the true meaning of any part, he shall clarify same from tender issuing office in writing before the due date of submission of the bid. No arguments on this account whatsoever shall be entertained after the last date & time of submission of tenders.

3. Download of Tender Documents

The tender documents can be downloaded free of cost from the e-procurement portal <https://etenders.hry.nic.in>

4. Pre-requisites for online bidding

In order to bid online on the portal <https://etenders.hry.nic.in>, the user machine must be updated with the latest Java. The link for downloading latest java applet is available on the Home page of the e-tendering Portal.

5. Online Viewing of Detailed Notice Inviting Tenders

The bidders can view the detailed Notice Inviting Tender (NIT) and the time schedule (Key Dates) for all the tenders floated through the single portal e-procurement system on the Home Page at <https://etenders.hry.nic.in>

6 Bid Preparation (Technical & Financial) Online Payment of Tender Document Fee, e-Service fee, EMD fees of online Bids:

6.1 The bidders shall have to pay for the Tender document fee, EMD fees & e-Service Fee (Rs. 1,180/-) online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks. The Payment for Tender Document Fee and e-Service Fee can be made by eligible bidders/ contractors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS/NEFT. For online payments guidelines, Home page of the e-tendering portal <https://etenders.hry.nic.in> may be referred.

6.2 The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid) in the part-I (Technical envelope). The price bid shall be submitted in separate part-II format supplied by purchasing authority online. The committee members shall open only the part-I on schedule date of Opening of technical bid. As per system settings, Part-II cannot be opened on that date.

7. The tenders shall be opened on the due date by Tender Opening Committee comprising of Executive Engineer, AE/AEE and a representative of finance/account department of not below the rank of Section Officer/Divisional Accountant. The tenders shall be downloaded and print outs taken.

8. **Key Dates:-** The tenderers can submit their tender documents (online) as per the dates mentioned in the following format: -

Sr. No.	Department Stage	Tenderer's Stage	Start date and time	Expiry (end) date and time
1	-	Downloading of Tender Documents & Bid Preparation	20.03.2026 & 15.00 hrs	13.03.2026 & 10.00 hrs
2	Technical Opening (Part-I)	-	15.03.2026 & 15.00 hrs	
3	Shortlisting of technical bids & Opening of Price/ Financial Bid	Will be intimated to the firm soon their e-mail		

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

If bidder fails to complete the Online Bid Submission stage on the stipulated date and time, his/her bid will be considered as bid not submitted, and hence not appear during tender opening stage.

9. If the tenders are cancelled or recalled on any ground, the tender document fees & service fee will not be refunded to the agency. However, EMD shall be refunded.
10. Unless exempted specifically, tenders not accompanied with the prescribed EMD/Cost of Tender shall be rejected. EMD/Cost of Tender shall be in the prescribed mode of payment as asked in the NIT, otherwise, the tender shall be liable to be rejected.
11. Bidder shall ensure that payment shall be made at least 2 days prior to last date of submission of the bid.
12. The bidder can revise his price bid any number of times but only before last date of submission of bid. All previous quotes are deleted & only the latest price quoted is visible to the purchasing authority on date of opening of price bid.
13. The validity of tender/offer shall be for 120 days from the date of opening of the price bid.
14. The rate negotiations could be held up to L3 bidder, if the difference between the L1 quoted rates and those quoted by L2 and L3 is within 5% of the L1 quoted rates. In case where the L1 bidder refuses to further reduce his offered price and the L2 or L3 bidders come forward to offer a price which is better than the price offered by L1 bidder, the bidder whose price is accepted becomes L1 bidder. However, in such a situation, the original L1 bidder shall be given one more opportunity to match the discounted price. In case of acceptance, he would be treated as L1 bidder.

Or

Negotiation shall be carried out as per Haryana Government policy in vogue duly adopted by HPGCL.

15. Rates shall be quoted by the tenderer in the format supplied by HPGCL. No deviation in terms & condition shall be allowed.
16. The bidders shall observe the highest standards of ethics during the submission of tender and execution of the contract. In case of evidence of cartel formation by the bidder(s) EMD is liable to be forfeited.
17. The bidder shall bear all costs of bank charges, if any, associated with the preparation and submission of his bid and the purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
18. Purchaser reserves the right to cancel the NIT or to change qualifying requirement or to reject any or all the tenders so received without assigning any reason.

For XEN/C&I-II,
Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.

GENERAL INSTRUCTIONS TO THE BIDDERS**1. Pre-Qualifying Requirements (PQRs) / Eligibility Conditions for the tenderers**

The tender document of only those bidders shall be considered who fulfil the following eligibility criteria and submit documentary evidences in support of the same:-

- a) The bidder should be an Original Equipment Manufacturer/Supplier (OEM/OES) or a registered vendor of HPGCL as per Vendor Registration Policy for the specific category i.e. Boiler Tube leakage detection System of the work.

OR

The bidder to have an experience of having successfully executed work order(s)/Purchase order in thermal power station in HPGCL / NTPC/ SEBs/ PSUs/ Corporations / Central Govt. /State Govt. /Semi Govt. or any thermal generating unit of 210 MW or above and have average annual turnover and other eligibility condition as given below:-

Experience of Execution of Purchase/Work Order

Bidder must have successfully executed the purchase order/work order for supply, erection, testing and commissioning of Boiler Tube Leakage Detection System or similar items during last seven years ending last day of the month previous to the month in which applications are invited having minimum order value including GST as under:-

Single order of the value not less than Rs. 59,04,720/- or

Two orders each of the value not less than Rs. 36,90,450/-or

Three orders each of the value not less than Rs. 29,52,360/-

- b) Bidder must have average annual turnover of minimum Rs.2,53,05,943/- in last three consecutive financial years. Other income will not be considered for calculating the annual turnover.

Calculation of Average Annual Turnover

i) Average Annual Turnover = Sum of the Annual Turnover (ATO) of preceding three years / 3 (As per audited Accounts)

ii) Annual Turnover (ATO) = $EC \times 12 / CP$

EC= Estimated Cost

CP= Job Completion in months (Contract Period)

iii) Other income shall not be considered for arriving at annual turnover.

iv) In case where audited results for the last preceding financial years are not available for determining the average turnover, certification of financial statements from a practicing Chartered Accountant shall be considered acceptable. Certificate of CA is used only for the last financial year, his/her UDIN number must be mentioned on the certificate.

- c) The bidder should possess PAN card, EPF Account Number, ESI Registration Number and GST Registration Number.
- d) Bidder has to certify itself for its eligibility with supporting documents to participate in the NIT stating that it is not under any default towards compliances under any of the labour laws presently, however in case at a later stage such certification found wrong then it will lead to misrepresentation of the facts and the firm shall be treated as blacklisted on this ground and action shall be taken as per regulations 36 & 37 of the HPGCL Works and Purchase Regulations 2015.
- e) The bidder should submit the non-blacklisting certificate.
- f) The bidder must have contractor ID (Certificate of Login Account on HEW Portal) on HEWP Portal (Haryana Engineering Works Portal) for participation in the tendering process.
- g) The bidder should provide all the undertaking attached with the NIT and Undertaking regarding acoustic sensor/ASLD panel.

2. The firm should submit authentic supporting documents for proving its credential. Original documents may be asked for verification at the time of finalizing the tender. A certificate to the effect that the tenderer is not black listed from any Public Sector undertakings of Central Govt. /State Govt./SEBs/Corporations has to be furnished by him.

3. Decision of the HPGCL regarding fulfilment of pre-qualification requirement shall be final and binding upon the bidders.
4. The firm has to submit the copy of work orders executed by them along with completion/performance certificate or copy of the repeated work orders from the same agency/enterprises/power plant etc. duly attested in support of qualifying condition and as a proof of satisfactory execution of work.
5. **Eligibility of the black listed firms to participate in NIT:** The firms which have been blacklisted by HPGCL or any other Centre or State Power Utility/ Board or Corporation/ or any other Thermal/Hydro Electricity project in the past 05 years shall not be eligible to participate in the NIT of HPGCL, However:-
 - i) In case the blacklisting of the firm is for a specific plant and not for the organization as a whole then such blacklisting will not tantamount to ineligibility of the bidder.
 - ii) Blacklisting of the firm by any unit of HPGCL shall be considered as ineligibility of the firm at any other project of HPGCL.
 - iii) In case any firm was blacklisted for a limited period in past by any organization and presently such blacklisting has removed by such organization then it will not tantamount to ineligibility of the bidder.
 - iv) Firm has to certify itself for its eligibility with supporting documents to participate in the NIT stating that it has not been blacklisted by any organization presently, however in case at a later stage such certification found wrong then it will lead to misrepresentation of the facts and the firm shall be treated as blacklisted on this ground and action shall be taken as per appropriate regulations of the corporation.
6. PART-I Tender shall be opened on the due date & time and Part-II shall be opened on subsequent date which shall be intimated separately to those tenderers whose Part-I is considered complete in all respects and found technically and commercially suitable as per the tender conditions.
7. A committee nominated by HPGCL shall evaluate all the bids for fulfilment of qualifying criteria. Technical deviations for scope of work shall not be entertained at any cost and the same may lead to disqualification of technical bid as well.
8. Decision of the HPGCL regarding fulfilment of pre-qualification requirement shall be final and binding upon the bidders.
9. The firm should fill statement of bidder performa as per annexure-XIII and submit authentic supporting documents for proving its credential. Original documents may be asked for verification at the time of finalizing the tender.
10. Conditions of the contract and other information can be had from the office of Executive Engineer/C&I-II, RGTPP, HPGCL, Khedar, Hisar (xenci2.rgtp@hpgcl.org.in) on any working day prior to last date of downloading of Tender Documents & Bid Preparation.
11. Cost of Tender and EMD in any other form other than (online deposition) shall not be accepted.
12. The Tender Document can also be seen on HPGCL website www.hpgcl.org.in.
13. Before submitting tenders, the instructions may be read carefully regarding submission of tender. If any bidder finds discrepancies or omissions in the tender documents or is in doubt as to the true meaning of any part, he shall clarify same from tender issuing office in writing before the due date of submission of the bid. No arguments on this account whatsoever shall be entertained after the last date & time of submission of tenders.
14. No provision for price escalation is made on any account. The price quoted by the tenderer shall be FIRM till the contract is completed. The tenderer's acceptance of this condition should be indicated along with the Bid. Rates shall be quoted by the tenderer in concurrence with rate quoting sheet.
15. The "Application for Bidding" along with the "Terms and conditions of the contract and its all Annexure should be submitted duly filed up completely and signed on each page by the tenderer online. Work offered should be strictly according to the specifications of scope of work and to the terms & conditions of the NIT. Unless a deviation from the specifications and terms and conditions given in NIT is pointed out by the tenderer specifically, it will be presumed that offer/ Tender confirms to the specifications and terms and conditions as laid down in NIT.
16. **RATE QUOTING SHEET:**
 - a) The tenderer will quote their rates strictly as per the rate quoting sheet (on line).
 - b) Conditional discount offered by any tenderer will not be considered for the purpose of relative comparison of rates quoted by participating tenderers.
17. The application for bidding along with all the detailed terms & conditions should be submitted online. Tenders through Fax/E-mail/telegraphic tenders shall not be considered. Incomplete,

obscure or irregular tender is liable for rejection. If the tenderer deliberately gives wrong information in his tender, HPGCL reserves the right to reject such tender at any stage.

18. The tenderer shall submit their tender in two parts- the first part containing documents for qualifying criteria, technical specification, and all other terms and conditions except the rates (price bid), and the second part containing the rates (price bid) as per rate quoting sheet.
19. Any statutory taxes/levies, if to be charged extra, should be clearly indicated by tenderer in their offer separately, failing which it will be presumed that their quoted prices are inclusive of all such statutory taxes/levies.
20. All tenders received against open tender enquiry irrespective of whether they are from the approved contractors on the registered list or others, shall be considered, provided they are on the prescribed form and in accordance with the tender conditions and specifications.
21. Unless exempted specifically, tenders not accompanied with the prescribed EMD/Cost of Tender shall be rejected. EMD/Cost of Tender shall be in the prescribed mode of payment as asked in the NIT; otherwise, the tender shall be liable to be rejected.
22. The rates quoted by the tenderer should be very competitive and as prevailing in the market and should be firm and lump-sum.
23. The validity of the tender/offer shall be for **120 days from the date of opening of the price bid.**
24. Suo-moto revised price bid / supplementary Part-II will not be accepted after the last date of submission of the tender. However, in case revised price bid is submitted by the bidder Suo moto but prior to the due date of submission of the tender, then the revised price bid only, shall be opened and considered by the purchasing/competent authority.
25. The rate negotiations shall be held as per Haryana state government negotiation policy in vogue.
26. **No deviation shall be allowed.** However, in case of deviation of taxes etc., the same be loaded for comparison purpose.
27. Selection preference of the tendered work may be allowed as per policy of the State Government to the Industrial Units located in Haryana on the lowest valid rates if tenderer so claim with requisite documentary evidence.
28. The bidders/contractors shall observe the highest standards of ethics during the submission of tender, procurement and execution of the contract. In case of evidence of cartel formation by the bidder(s) EMD is liable to be forfeited.
29. The bidder shall bear all costs including bank charges, if any, associated with the preparation and submission of his bid and the HPGCL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
30. The whole work against this tender shall be awarded to a single firm whose overall quoted/equated prices are lowest for the complete package.
31. The bidders shall supply partnership deed in case of partnership firm and Memorandum of Association and Article of Association in case of a company.
32. CE/RGTPP reserves the right to cancel the NIT or to change/modify the tender as a whole or in parts or to reject any or all the tenders so received without assigning any reason and will not responsible & will not pay for any expenses or losses that may be incurred by the tenderer in preparation of the tenders/offers.
33. **Inspection of site of work: - Before tendering, the tenderer is advised to inspect the site to assess the scope of work, to check actual size of the existing equipment, the environment & get acquainted with the actual work & other prevalent conditions, facilities available. No claim will be entertained later, on the ground of lack of knowledge. The existing system is the "Nanjing Dakai system," a China-made system installed since the commissioning of Unit-II at RGTPP, Khedar, Hisar.**

XEN/C&I-II,
For Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.

Subject: - Detail of major equipment's to be supplied, erection, testing and commissioning of Boiler tube leakage detection system at RGTPP unit-2 (600MW).

Sr. No.	Equipments to be supplied and erection, testing & commissioning of the entire Boiler Tube Leakage Detection System.	Qty
Supply Part:-		
1.	<u>Signal Collecting device/sensor:-</u> A. Airborne sensor with self-test sound buzzer. B. Pre-Amplifier or inbuilt with airborne sensor in single housing. C. Sound pipes or waveguide (SS304).	48 nos.
2.	Ball valve (size as per site requirement, existing size 1 1/2") Material:-SS304	48 nos.
3.	Heat insulator for the flange (coupling point between signal collecting system and stub pipe which is connected to boiler tube surface).	48 nos.
4.	High pressure resistance flexible SS304 metal hose pipe.	48 nos.
5.	Solenoid valve as per size of branch instrumentation line (Existing 24V DC). Make: - ASCO.	06 nos.
6.	Centralized Monitoring System:- Acoustic Steam Leak Detection Panel with necessary latest software and hardware components as per specification attached in NIT.	01 no.
Erection,testing and commissioning part:-		
7.	Erection, testing and commissioning of complete boiler tube leakage detection system at Unit-2, RGTPP (600 MW).	01 pkg

XEN/C&I-II
 For Chief Engineer / RGTPP,
 HPGCL, Khedar, Hisar.

Technical Specification of equipments to be supplied:-**Signal Collecting System:-****(A) Sound Pipe or Wave Guide Assembly:-**

The sound pipe assembly will consist of an enhanced sealed sound sensor (IP65) and a provision for purge air. The pipe material should be SS304 and the flange material should be SS304. Specification of flange will be as per existing counter flange. A heat insulator should be installed between the sound pipe and stub pipe assembly connected with boiler tube surface. The firm should verify the size of the existing stub pipe and sound pipe assembly on-site before supplying the material. The wave guide assembly should have an isolation ball valve. The existing system dimensions are \varnothing 45 mm x 2.5 mm (please ensure from site).

(B) Enhanced Sound/Acoustic Sensor:

1. Sensing Range: 5-7 meters, hemispherical space radius for tube leak less than 5 mm diameter (During inspection sensing range to be demonstrated at firm laboratory).
2. Sensor Sensitivity: >25 mV/Pa (During Inspection sensor sensitivity test to be conducted)
3. Protection Class: IP65.
4. Working Temperature Range: Up to 105°C
5. Housing Material: SS (Stainless Steel-304)
6. Inbuilt buzzer for testing sensor health
7. Mounting Method: Threaded

Monitoring System:-**(C) Acoustic Steam Leak Detection Panel(ASLD):-**

The panel should be floor-mounted and rated for IP54 protection. Its size should match the existing panel i.e. 2200x800x800 as per Annexure-XI. The power supply should be redundant, operating at 230 V AC, 50 Hz.

The panel should support 48 sensor signal inputs and provide soot blower interference monitoring, leak alarm signals and potential-free output relays. It must interface with the DCS, include a system power failure relay and offer remote reset functionality. The panel should also provide a 24 V DC(existing panel) output to power 6 solenoid valves from the central panel/PC.

The ASLD system shall use server-client architecture, comprising a server PC installed in the control panel/engineering room and an Ethernet-connected client PC for remote display. The system shall support DCS data transmission over TCP/IP. Both the server and client PCs shall be equipped with a 22" colour monitor, keyboard, mouse, printer, speakers, and pre-installed application software (single-user license). Each PC shall have a minimum of 12 GB RAM, a RAID 1 storage system, a minimum 500 GB SSD, and MS Office installed. Other Important Functions should be included in the system:-

1. Boiler tube leak is predicted through an analysis of acoustic frequency spectrum produced by Fast Fourier Transform (FFT) program in the software.
2. Leak alarm generated ahead of time.
3. Real-time display of the leak location.
4. Leak signal frequency spectrum analysis.
5. Tracking of leak growth trends.
6. Real-time monitoring of noise in the boiler.
7. Recording of leak history trends.
8. Monitoring of ash blower operation conditions.
9. Self-diagnosis of device health.
10. Management of ash blockage in sound pipes through an air purging feature, both manually as well as automatically controlled by software.
11. An online tube leak detection system that can provide an early warning before conventional methods.

12. Detects tube leaks as small as pinhole less than 5 mm, including its approximate location.
13. Helps monitor the progress of the leak in real-time with trend graphs.
14. Suitable filters for removal of unnecessary background boiler noise for each sensor.
15. Automatic system test and automatic air purge sequences of Acoustic Waveguides.
16. The central ASLD panel processes signals to provide two types of outputs: an industry-standard 4-20 mA output, representing a sound level band of 0 to 120 dB, and a raw audio signal for 'listening' through a speaker unit. The 4-20 mA output can be monitored or viewed as a bar graph on the respective channel, and revalidated using FFT analysis or other advanced technologies.
17. The central PC, equipped with latest operating system compatible with latest BTL software, enhances operational ease and convenience by providing an interface for efficient monitoring of boiler sounds and issuing timely warnings in case of any abnormalities.
18. Air purge in manual and auto purge as selectable time selection.
19. Real time and history data, time to recall history/record for 12 months at least.

(D) Solenoid Valve:-

The solenoid valve should operate on 24 V DC (existing panel) and be installed on the existing instrument airline. The power supply for the solenoid valve should be provided by the ASLD panel.

(E) Hose Pipe:-

A high-pressure withstanding, flexible SS304 (Stainless Steel) metal hose pipe, 2 to 3 meters in length or as per site requirements with SS304 connectors or male-female point for the air purging line.

Executive Engineer/C&I-II
RGTPP,HPGCL,
Khedar, Hisar.

Scope of Work**Supply, Erection, Testing and Commissioning of boiler tube leakage detection system installed at unit-2 (600 MW), RGTPP, Khedar, Hisar as given below:-**

1. The firm must complete all work including the supply, erection, testing and commissioning of the complete boiler tube leakage detection system to the full satisfaction of engineer-in-charge. The firm must carry out all the necessary tests, demonstrate the system and bring it into operation.
2. Complete replacement of the existing Acoustic Steam Leak Detection panel. The new panel's dimensions must match the existing panel exactly as there is no additional space is available at the installation site.
3. Transportation of materials from RGTPP/Store or any designated site to the installation location will be the responsibility of the firm.
4. Complete replacement of the existing pneumatic fittings, solenoid valves, hose pipes, ball valves, etc. Any modifications or alterations required in the sound pipe/wave guide will be the responsibility of the firm.
5. Complete replacement of damaged portions of instrumentation, control and power cables will be the responsibility of the firm. Control instrumentation and power cables will be provided by the HPGCL.
6. Cleaning (ash and soot removal) of the existing guide pipe and stub pipe assembly will be the responsibility of the firm. The firm will use reputed make welding electrode to carry out the job.
7. Any type of welding (MS/SS) required to complete the job will be within the scope of the firm.
8. Any temporary approach/scaffolding and temporary lighting required for the installation of sensors will be the responsibility of the firm. The work should be completed with full safety of deployed work force and equipment. The firm will be fully responsible for ensuring safety & labour laws.
9. All bolts required for completion of the job, including the removal and replacement of existing bolts, shall be within the scope of the firm.
10. The existing cables (8Cx0.5 sqmm) will be used in the system. The firm is responsible for the complete identification of cables with respect to the sensors and for checking the healthiness of the cables. If any cables are found damaged, the firm will be responsible for laying new cables provided by HPGCL. Ferruling/lugging on the control cables will also be the responsibility of the firm.
11. Opening and closing of the flange between the sound pipe and stub pipe assembly and installation of the heat insulator will be part of the firm's scope.
12. The firm should ensure the functionality of the sound sensor with the help of the sound generator equipment.
13. If any type of junction box/terminal board is required as per system requirement near the

acoustic sensor, the said work will be in the scope of firm.

14. Location of sensors: - The sensors are installed at Boiler site from 24 meters to 70 meters at all corners. Drawing of installation of sensors are attached .The firm is advised to access the risk location of the some sensors and ensure the safety while performing the job.
15. Above scope of work is tentative only and not exhaustive. Any additional work required to complete the work is in the scope of the firm.
16. The firm should provide on-site training with a demonstration of the equipment.
17. The firm is advised to visit Unit-II, RGTPP, HPGCL, Khedar, Hisar to assess the scope of work/location of sensors before quoting. The existing system is the "Nanjing Dakai system," a China-made system installed since the commissioning of Unit-II at RGTPP, Khedar, Hisar.

Executive Engineer/C&I-II
For Chief Engineer/RGTPP
HPGCL, Hisar.

Technical terms and Conditions

1. The specifications mentioned for the ASLD panel may be modified in accordance with the requirements of the higher version. The firm shall supply the latest versions of both software and hardware.
2. The firm shall provide support for all OEM manufactured items and ensure service support for a period of 10 years. The firm shall also furnish test certificates for all equipment issued by the respective OEMs.
3. Firm will provide the certificate that operating system (latest window version not earlier than window 11) and boiler tube leakage software is latest till date and no higher version is available till now.
4. The firm shall supply all software CD/DVD along with the requisite software licenses. All necessary software shall be installed in the system. The firm shall also provide complete system backup for both the server and client systems.
5. The operating system for BTL system shall be provided with compatible antivirus package.
6. To complete the work of BTL system if any additional hardware/software or communication cables etc. are required that has to be in the scope of firm.
7. The firm should provide the Billing Breakup Unit of all the supplied items.
8. **Testing of Acoustic Sensor:** - The firm shall carry out testing of the acoustic sensor in accordance with the sensor specifications and applicable international standards. All specified sensor parameters shall be tested in a NABL-accredited laboratory. Sensor sensitivity shall be verified using an acoustic calibrator (sound calibrator), and the sensitivity test shall be witnessed by the inspecting officers. The firm shall submit the test certificates in compliance with Clause No. 25 of the General Terms and Conditions. In the event that the test results do not confirm to the specified requirements, the work order shall be liable to cancellation, and the firm shall be solely responsible for failure to supply the sensor in accordance with the work order specifications.
9. During the warranty period, if any upgraded software tool/program, such as a patch file, is required, or if any system hanging occurs due to a software issue, the firm shall rectify the problem within the stipulated time as defined by the Executive In charge. Failing this, the warranty period shall be extended by the duration of the delay. Further, if any upgradation is required during the warranty period to ensure smooth functioning of the software, the same shall be provided free of cost. In case of non-compliance, the security deposit / Performance Bank Guarantee (PBG) shall be withheld until the job is fully completed.

Executive Engineer/C&I-II
For Chief Engineer/RGTPP
HPGCL, Hisar.

GENERAL TERMS AND CONDITIONS OF CONTRACT**1. CONTRACT AGREEMENT:-**

The firm shall execute a contract agreement with HPGCL on a Non Judicial Stamp Paper of appropriate value within 07 days of receipt of work order.

a) PARTIES: The parties to the Contract are the Supplier and the Purchaser, Legal address of the Parties to the Contract is as under:

Supplier: M/s..... on which P.O/W.O. is placed.

Purchaser: RGTPP, Haryana Power Generation Corporation Ltd. For all purposes of the contract, including the arbitration there under, the address of the supplier mentioned above, shall be the address to which all communications addressed to the supplier shall be sent, unless the supplier has specifically intimated a change thereof.

b) AUTHORITY OF THE PERSON SIGNING THE CONTRACT ON BEHALF OF OEM FOR EXECUTION OF WORK:-It is presumed that the person who has signed these Tender-papers (including the terms and conditions) has got authority to sign on behalf of the OEM. If it is discovered at any time that the person so signing had no authority to do so, the RGTPP/HPGCL without prejudice to any other right or remedy available to him, may cancel the contract and make a work order at the risk and cost of such person and hold such person liable to the RGTPP/HPGCL for all costs and damages arising from the cancellation of the contract including any loss which the purchaser may sustain on account of such purchase.

2. RATE/CONTRACT PRICE:-

Rate shall be quoted by the bidder strictly as per rate quoting sheet and the agreed contract price shall remain firm during the currency of the contract .Any statutory taxed /levies, if to be charged extra, should be clearly indicated by tenderer in their offer separately failing which it will be presumed that the quoted prices are inclusive of all such statutory taxes/ levies.

3. EARNEST MONEY AND SECURITY DEPOSIT:-

Every tenderer, while submitting his tender, shall deposit the earnest money amounting to Rs.1,47,700/- by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between firms and online payment authorization networks.

The earnest money furnished by the successful tenderers on whom the work order is placed shall be converted into security deposits as a guarantee for faithful and satisfactory execution of the work order.

The EMD of the unqualified bidder will be returned without any interest as promptly as possible, within 30 days after declaration of qualification result and that of unsuccessful bidder within 15 days of the execution of the contract with the selected bidder.

Security deposit shall be released only after completion of the entire period of the contract and after completion of 30 days of warranty period on certificate of Engineer-in-charge for successful completion of guarantee/warranty period.

No interest shall be paid on EMD /security deposit for the period it remains deposited with HPGCL.

The earnest money/security deposit shall be forfeited in part or in full under the following circumstances:-

- i) If the tenderer withdraws his tender at any stage during the currency of validity period.
- ii) If the W.O has been issued but the firm refuses to comply with it irrespective of the fact that HPGCL sustains any loss on account of such default or not.
- iii) In the event of a breach of contract in any manner.
- iv) In case of evidence of cartel formation by the bidder (s).
- v) If the firm fails or neglects to observe or perform any of his obligations under the contract ,it shall be lawful for the HPCGL to forfeit either in whole or in part, in its absolute discretion, the EMD/security deposit furnished by the firm.

vi) The forfeiture of EMD/security deposit shall be without prejudice to the right of HPGCL to recover any further amount or any liquidated and/ or other damages as admissible under the law, under payment or over payments made to the firm under this contract or any other contract as well as to take such administrative action against the firm as blacklisting etc.

4. PAYMENT TERMS:-

100% payment of the total contract value shall be released against appropriate bill of the firm and satisfactory completion of work by deducting 10% security deposit and statutory deduction. 10% security deposit will be released after completion of 30 days of warranty period.

5. MODE OF PAYMENT:-

Payment shall be released by the Sr. Accounts Officer/Accounts Officer, RGTPP through RTGS/NEFT and the firm will intimate the complete bank details viz. Name of Bank/Branch, Account Number, Type of Account, IFSC Code etc. to Sr. Accounts Officer / Accounts Officer. Bank charges, if any shall be borne by the firm.

6. COMPLETION PERIOD:-

The completion period of the work as specified below shall be the essence of the contract.

The work shall be started within 7 days of issue of LOI/ work order whichever is earlier. Unless otherwise directed by the issuer of tender.

The supply of items shall be completed within 75 days from the issue of LOI/work order unless otherwise directed through written communication.

The erection, testing, and commissioning of the Boiler Tube Leakage Detection System shall be completed within 30 days from the separate date of commencement, subject to site clearance for these activities by the Engineer-in-Charge. The work can be done in running/shutdown of unit. The firm shall start the work within the completion period and will ensure completion within stipulated time.

The quantum of any item of the scope of work may increase or decrease to any extent, as per the site requirement subject to the limit that total contract value shall not exceed by 10% of the contract value. Payment shall not be made for the work not done. In case of increase of quantum of work, the completion period of the contract will not change and the contractor will have to complete the job within stipulated period unless the completion period is extended in writing.

7. RISK AND COST:-

In case the firm fails to fulfil the contractual obligation, the work shall be got done from some other agency at the risk and cost of the firm. It shall be without prejudice to the right of HPGCL to recovery any further amount or any liquidated and/or other damages.

8. PENALTY:-

Time is the essence of the contract. The firm shall ensure timely completion of the job as per stipulated completion period. In case of delay in completing the work/job, the penalty for delay in supply of material, erection, testing and commissioning will be imposed @ 1% of the total contract/work order amount per week or part thereof subject to a maximum of 10% of the contract value.

Contract amount means basic value of the contract exclusive of taxes and duties, if charged separately.

9. DOCUMENTATION:-

The firm and the executive in charge of the work shall ensure the following document before forwarding the bill of the firm to the accounts wing for pass and payment to avoid delay in payment of the firm:-

Firm shall submit the following documents:-

A) Concerned Executive Engineer (Purchaser copy)-

- | | |
|-----------------------------------|---|
| a) Acceptance of PO | b) Readiness of material/ inspection call |
| c) Copy of invoice | d) Copy of RR/GR |
| e) Advance intimation of dispatch | f) Test Certificates |

g) E-Way Bill

B) Concerned Sr. A.O. (Accounts copy)

a) Copy of invoice in triplicate b) GST Certificate (as per annexure attached)

c) Guaranty/ Warranty Certificate

d) Inter-changeability Certificate e) Copy of inspection report

f) Performance Bank Guaranty.

g) Copy of R.R/G.R.

h) E-way Bill

C) Concerned Executive Engineer/ Stores (Consignee copy)

a) Copy of Invoice.

b) Copy of Inspection Report

c) Dispatch particulars

d) Copy of RR/GR.

e) E-Way Bill

f) GST undertakings and TDS undertaking

ii) a) A photo copy of the EPF code, ESI code, PAN & GST shall be attached GST No., PAN shall be attached with bill for reference and record. Invoice shall be raised by firm and service providers which should contain invariably their GST registration number, HSN code, PAN number, place of business, with address and a unique invoice number suffix with RGTPP.

b) Self-attested copy of the deposit challan of EPF & ESI contribution, labour welfare fund deposited by the firm for the labour engaged for the work duly validated with dossier of workers and their account number in the appropriate Prescribed Performa.

c) Self-attested copy of attendance sheet, wage register and evidence of wage payment.

iii) The bill of the firm along with the annexure submitted by the firm at (i) & (ii) above should be approved and verified by the engineer-in-charge/site-in-charge respectively for gross value as well as net payable value and accompanied with the certificates/document mentioned at (iv) and (v) below.

iv) Certificate from the Engineer-in-charge/Site-in-charge that:-

a) Work has actually been done as per the contract and to the entire satisfaction of Engineer-in-charge.

b) The copy of the EPF challan, ESI challan, LWF challan etc. submitted by the firm pertains to the labour deployed at site and none of the worker has been excluded there from.

c) The record entry of the work done has been taken in the small measurement book (SMB) at page no _____ on dated _____.

d) No penalty leviable on the firm on any account as per the contract if leviable, the amount of penalty is _____.

e) Copy of protocol and completion certificate payment.

v) Certificate from factory manager/ labour welfare officer stating that firm has complied with all labour laws and safety clearance certificate from safety officer. In case of non-availability of Labour Welfare Officer/Safety Officer then from engineer-in-charge.

10. Performance bank guarantee:-

Unless otherwise agreed Contractor shall submit bank guarantee of the nationalized bank equivalent to 10% of the total contract value in the prescribed performa valid up to one month after completion of warrantee period.

11. WARRANTY:-

i) The firm shall provide warranty for the workmanship and supplied material of work done for a period of 12 months from the date of completion of work or 18 months from the date of supply of equipments whichever is earlier. Any damages or defects which may arise or lie undiscovered at the time of completion connected in any way with the workmanship/supplied material shall be got rectified by the firm at his own expenses as deemed necessary by the Engineer-in-Charge.

ii) During this period if some supplied equipment (s) which has been attended by the firm, is found to be defective, the same will have to be attended without any additional charge to HPGCL. In such cases, warranty period shall start from the date of such repair/rectification. In case the firm fails to respond within a reasonable time, the job will be got done from any other agency on the risk & cost of firm.

12. FORCE MAJEURE:-

The delay in the completion of the work may be treated as force majeure to the firm only if:

- The delay is resulted from any causes arising out of compliance with regulations. Orders or instructions of the Central or State Governments, acts of God, Acts of civil & military authority, fires, floods, strikes lock-out, freight embargoes, war risk riots and civil commotion. and
- The firm request for extension of the work period along with all necessary evidence comes before the expiry of the schedule date(s) of delivery.

13. IDLE LABOUR CHARGES:

No idle labour charges will be admissible in the event of any stoppage caused in the work resulting in contractor's labour being rendered idle due to any cause.

14. OVER RUN CHARGES:-

No overrun charges shall be paid in the event of the completion period being extended for any reasons.

15. WATCH & WARD:-

The watch and ward of T&P and other material will be the responsibility of the firm.

16. FACILITIES TO BE ARRANGED BY FIRM:-

The firm shall make his own arrangement for providing all facilities like lodging, boarding, furniture and transportation etc. for his supervisors/staff engaged by him for the job.

17. STATUTORY DEDUCTIONS:-

Statutory deduction on account of income tax, TDS under GST & other applicable tax etc. including surcharge shall be made at source from the bills of the firm at the prevailing rates.

18. FACTORY ACT / MINIMUM WAGES ACT/ INSURANCE ACT/EPF /ESI ACT etc :-

- a) Strict adherence of various applicable labour laws like the Factories Act, Minimum Wages Act, ESI act, Payment of Wages Act, The Workman's Compensation Act, EPF Act, Firm labour (regulation & abolition) act. 1970 and all other statutory requirements as amended from time to time to the entire satisfaction of Central/State Govt. Authorities, shall be the responsibility of the firm and he shall have to make good loss, if any, suffered by HPGCL on account of default in this regard by the firm EPF/ESI contributions will be deposited by the firm in his own EPF/ESI code no. in the respective account of the workforce. The firm will submit the copy of EPF/ESI challan to the Factory Manager, at the time of 90% payment along with corresponding list of workforce. Documentary evidence thereof shall be submitted along with the running bills.

Appropriate clauses of below tabulated labour laws regarding delay in deposition of wages of workers, delay in deposition of EPF/ESIC/LWF and other statutory labour obligations shall be applicable on the contractor and penalties shall be imposed for breach of the same by Labour Welfare Officer or Factory Manager/RGTPP:

Sr. no.	Particulars	Name of Acts
1.	Clause 20: Penalty for offences under the Act	The Payment of Wages Act-1936
2.	Clause 31: Time for payment of contribution	The Employees' State Insurance (General) Regulations-1950 (amended on 11.01.2024)
3.	Clause 14: Penalties	The Employees' Provident Funds and Miscellaneous Provisions Act, 1 952
4.	Chapter VI: Penalties and Procedures	Contract Labour (Regulation & Abolition) Act, 1970 & Rules 1971
5.	Chapter VII: Penalties	The Employee State insurance Act, 1950

19. INSURANCE OF WORKFORCE:-

The firm will be solely responsible for any liability for his workers in respect of any accident, injury arising out and in course of firm's employment. To meet his aforesaid obligation under the Workmen Compensation Act, the firm may obtain W.C policy from the insurance company for the persons employed by him for carrying out the work. The premium payable for the aforesaid

insurance policy shall be borne by the firm. The firm shall ensure that the said insurance policy of this insurance cover is required to be submitted by the firm to Engineer- in charge of work immediately after issue of LOI, but before the start of work.

20. SAFETY RULES:-

A firm shall have to comply with all the provisions of safety rules. The Chief Safety officer/Safety officer may impose penalty of Rs.200/-per day per head if the workers of firm are found to be working carelessly without proper protective equipment in unsafe conditions. Against violation of any other clause, a penalty of Rs. 500/- per violation (minimum) shall be levied. In case of repeated violation of serious nature resulting in various serious accident or direct loss to the corporation/ threatens to cause severe consequences, higher penalty rates may be imposed including suspension/ termination of the contract. If any action is initiated by Chief Inspector of factories, Chandigarh or any other authority against occupier/ factory manager or any other authority of HPGCL in case of any fatal/non-fatal accident or any other violation of factory act 1948, Pb. Hr. factory rules, 1952 or any other industrial or labour act, the firm shall be liable for the same and also to deposit the amount of fine/penalty if any. In case of default action as deem fit shall be initiated against the firm/firm. A safety clearance certificate on quarterly basis from the Chief safety officer shall be obtained by the firm and has to be attached along with the bill.

The office reserves the right to claim adequate compensation from the firm on account of any damage caused to the plant & equipment handed over to him for execution of the work, due to careless handing or negligence on the part of the firm/firm.

21. ARBITRATION:-

All matters, questions, disputes, differences and/ or claims arising out of and /or concerning and /or in connection with, and/or in consequence of and /or relating to the contract whether or not obligations of either of both the firm and the corporation under that contract be subsisting at the time of such dispute and whether or not the contract has been terminated or purported to be terminated or completed, shall be referred to the sole arbitration of MD, HPGCL or an officer appointed by the MD, HPGCL as his nominee. The award of the arbitrator shall be final and binding on both the parties to the contract.

22. LAWS GOVERNING CONTRACTS:-

All contracts shall be governed by the laws of India for the time being in force.

Irrespective of the place of delivery place of performance or place of payment under a contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued.

Jurisdiction of courts: The courts of the place from where the acceptance of tender has been issued shall alone have exclusive jurisdiction to decide any dispute arising out of or in respect of the contract.

23. SET OFF:-

Any sum of money due and payable to the firm under the contract (including security deposit returnable to the firm) may be appropriated by the HPGCL and set off against any claim of the corporation for the payment of a sum of money arising out of under that or any other contract entered by the supplier with the HPGCL.

24. SUBLETTING AND ASSIGNMENT: -

The Supplier shall not, sublet, transfer or assign the contract or any part thereof or interest therein or advantage thereof in any part thereof in any manner whatsoever without prior consent of the HPGCL.

25. TEST AND INSPECTION:-

The tests and inspections shall normally be arranged at the firm's premises before the material is dispatched to the Corporation and copy of the inspection/ test report in such case shall be attached by the firm in original along with railway receipt/GR and other requisite document as per W.O. For this purpose, the firm shall give at least 15 days' notice to the purchasing authority

to arrange for the inspection of goods offered for dispatch, on different occasions, before dispatch if inspection is not waived off. In addition to this, the firm has to submit copy of test certificates along with inspection call. Without test certificates, pre-dispatch inspection call will not be accepted and delay on this account will be on the part of the supplier/firm.

HPGCL has right to get the pre-dispatch inspection done from third party along with HPGCL representative.

In case, the firm is not having its own testing facility and any agency has not been specifically mentioned in the PO, then the firm will submit the test certificates issued from any Govt. approved laboratory.

Firm shall ensure that all the facilities necessary for carrying out the inspection/prescribed tests are made available to the inspection officer at the point of inspection to be carried out.

In case of non-conduct of testing due to non-availability of material, the charges of the inspecting officers shall be borne by the firm.

Firm shall dispatch the material with copy of inspection report and manufacturer test certificate, immediately after inspection but not later than 7 (Seven) days failing which the delay shall be on the part of firm for the purpose of L.D. In case of waiver of inspection, firm shall dispatch the material within 7 days of receipt of waiver letter or 10 days of dispatch of waiver letter whichever is earlier. In case prices are F.O.R destination basis, even then the time period as above will be allowed for dispatch of material.

26. CONSIGNEE:-

Executive Engineer/Store, RGTPP, HPGCL, HISAR will be consignee of the supplied material.

27. MODE OF TRANSPORT:

The normal mode of transport for dispatch of material from supplier's end shall be by air/train/road/approved road transporter of HPGCL.

28. TRANSIT INSURANCE:

The material shall be insured against all risks and loss for its full delivered value up to the destination station. The insurance charges from dispatching station up to the destination station will be borne as per provision in the PO/WO. The Supplier shall produce insurance cover and also a stamped acknowledgement receipt of the insurance company for the premium paid by them in support of their claim, if any. The consignee shall report losses/damage to the Supplier at the earliest possible of the receipt of the consignment at the site.

It will, however, be the responsibility of the Supplier to prefer timely claim on the insurance underwriters. The Supplier will make good the losses/shortages, replace/repair the damage to the consignee irrespective of the claim lodged/to be lodged with the insurance underwriters or other appropriate authorities.

The Supplier shall supply or replace such material or parts as are lost in transit within reasonable time based on the delivery period free of charges.

The Supplier shall be responsible for all loss, destruction, damage, deterioration of the material from any causes whatsoever in the course of transit from the Supplier to the consignee. If insurance is in the scope of consignee, the firm will intimated to consignee advance about dispatch of material otherwise all the losses, if any will be in the account of supplier.

In case of supply of material against documents through bank, no material shall be accepted without proper transit insurance.

29. PACKING:-

The supplier shall provide for secure protection & packing of the equipment in accordance with the best established Practices so as to protect the equipment from damages. Any breakage, damage and/or pilferage including when in transit arising from faulty packing shall be the responsibility of the supplier. All packages shall be visibly marked mentioning purchase/work order number & name of buyer in bold letters & must contain copies of challans/packing slips inside/manuals.

30. DEMURRAGES:-

The supplier shall be responsible for all demurrage charges due to late receipt of G.R. and non-receipt of prior intimation of material to the consignee. G.R. through bank other than specified one will not be accepted. If any consignment and or its relevant shipping document are dispatched to an incorrect address/destination or parts of the case, the additional expenses involved & delay in delivery shall be to the Supplier's account.

31. LOSS OF HPGCL PROPERTY DURING THE CONTRACT PERIOD:

The contractor shall ensure that no damage or loss is done to HPGCL's property or human being in the jurisdiction of work site. In case it is found that, there is any loss to HPGCL's property or human being due to negligence of any labour/ worker the same shall be made good by the contractor at his own cost.

32. RISK PURCHASE:

In the case of delay or non-supply of any or all the material on the dates they are due, the HPGCL will have a right to refuse to accept such delayed supplies and to make the purchase of the material so delayed or not supplied from any alternative source or through departmental manufacturer, at the sole risk and cost of the supplier. Any extra expenditure incurred on such purchase or departmental manufacture shall be recoverable in full from the supplier in addition to the Corporation's right or claim for applicable liquidated damage or penalty.

33. INTERCHANGEABILITY:

Supplier shall furnish inter-changeability certificate, wherever applicable, that all the spares are identical in construction, interchangeable and suitable to the equipment installed at site.

Note:-

1. Unless agreed otherwise the above terms and conditions of the contract will form the part of the work order after finalizing the work proposal. The word tenderer where ever used above shall be read as firm. The non-applicability/modification in the aforesaid clauses if agreed shall be mentioned / attached in/with the work order specifically.
2. Any other term not defined in instructions to the bidder or above terms and conditions should be interpreted as defined in "HPGCL Works & Purchase Regulation 2015".
3. The term "Bid" and "tender" and their derivatives ("Bidder / Tenderer" "Bidding / Tendering") are synonymous. Singular also means plural.

XEN/C&I-II
HPGCL, Khedar, Hisar.

WORK EXECUTION TERMS & CONDITION**1. Execution of work as per scope of work:-**

Supervisory work for the BTL system shall be carried out by competent technical engineers in accordance with the scope of work. In the event of complete refusal by the firm to execute the work, on any pretext whatsoever and at any stage, the work shall be entrusted to another agency at the risk and cost of the existing firm.

2. Accommodation:-

Suitable room accommodation in field hostel and rest house at RGTPP colony may be provided to the firm on chargeable basis, as per HPGCL rates, if available.

3. Electricity, air & water will be provided free of cost at one point as per requirement of job. The electricity for site store / office will be provided by HPGCL free of cost. The firm will use electricity / air / water judiciously.**4. Transportations:-****Material Transportation:-**

The firm shall make his own arrangement for transportation of the material from stores to site of work, the firm shall also assist in loading/unloading of material being sent for repairs or received after repair to/from outside of RGTPP at his own cost. The firm shall make his own arrangement for removal of old as well as unused material from the site to the place as specified by the Engineer-in-charge after completion of work.

Workforce Transportation:-

The firm shall make his own arrangement for making available his personnel, at site of work at any time as per the requirement of job. A vehicle for carrying out the workforce in emergent conditions will also arranged by the firm.

5. Conditions for Workforce:-

The employees engaged by the firm shall not, under any circumstances, be deemed to be employees of HPGCL for any purpose whatsoever. The firm shall comply with all applicable rules, laws, and regulations in force from time to time governing the employment and service conditions of its employees. Under no circumstances shall HPGCL be held responsible or liable for the workforce engaged by the firm. The workforce deployed by the firm shall be not less than 18 years of age and not more than 60 years of age.

Further the firm would furnish an undertaking on Non-judicial stamp paper of appropriate value, for each and every workforce employed by him, that the employee will not claim any lien as an employee of HPGCL, for the services, he is rendering to the firm.

The firm shall also indemnify HPGCL against any liability towards its workforce for non-compliance of labour laws etc.

6. Firm Responsibilities:-

(A) All the deployed workforce during the execution of the contract shall be adequately got insured by the firm at his own cost. Proof of the same must be provided along with the first bill.

(B) The firm shall be solely responsible for any mishap or accident involving its workmen at the work site, including the payment of compensation arising therefrom. All liabilities under the provisions of applicable labour laws and the Workmen's Compensation Act shall rest with the firm. Any expenditure incurred by HPGCL due to the negligence of the firm shall be recovered from the firm's bills and/or pending dues.

7. Engineer-in-Charge(XEN):-

(A) The Engineer-in-charge shall have the general supervision of the work. The work shall have to be started by the firm as per the instruction of Engineer-in-charge or his authorized representative at any time on working day, on holiday or after office hours.

(B) The execution of work may entail working at all the sites and weather conditions and no extra claim will be considered on this account. The firm may have to carry out jobs and work round the clock, as per the requirement to be decided by Engineer-in-Charge. No extra claim / over time will be paid on this account.

8. Measurement and Billings: -

All measurement shall be in metric system. The representative of the Engineer- in-charge will measure all the works completed. The firm will submit the bill in triplicate on approved performance to the engineer-in-charge (XEN).

9. HPGCL shall have power to make any alteration, omission, addition, substitutions for the original specifications and instructions which may be considered necessary during the progress of work and firm shall carry out the work in accordance with any instructions which may be given to him in writing duly signed by the Engineer-in-charge. Such alterations, omissions, additions, substitutions shall not invalidate the contract and any alteration, additional or substituted work which the firm may be directed to do shall be carried out by the firm on the same conditions in all respects on which he has agreed to do the main work.

10. Termination of contract:-

If the firm is unable to execute the work, any loss incurred by HPGCL in this respect will be to the firm's account. HPGCL may also terminate the contract after giving a three days notice, if in its opinion the work under the contract is not being done to its satisfaction. HPGCL also has the right to get the job done from a third party at the risk and cost of the first firm till the expiry of the period of contract and debit the cost plus 15% of the cost to the first firm's account.

11. Ownership deed:-

The firm will give ownership deed/partnership deed/proprietorship deed duly attested by notary public for record and reference of this office.

12. Authorized Representative:-

The firm will intimate (in writing) the name of authorized representative/authorized supervisor at site to whom necessary instructions regarding the works can be imparted and who will make correspondence regarding contract related issues. The signatures of the aforesaid authorized representative shall be got attested from first class magistrate or notary public.

XEN/C&I-II
For Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.

Copy of rate quoting sheet (For reference only)

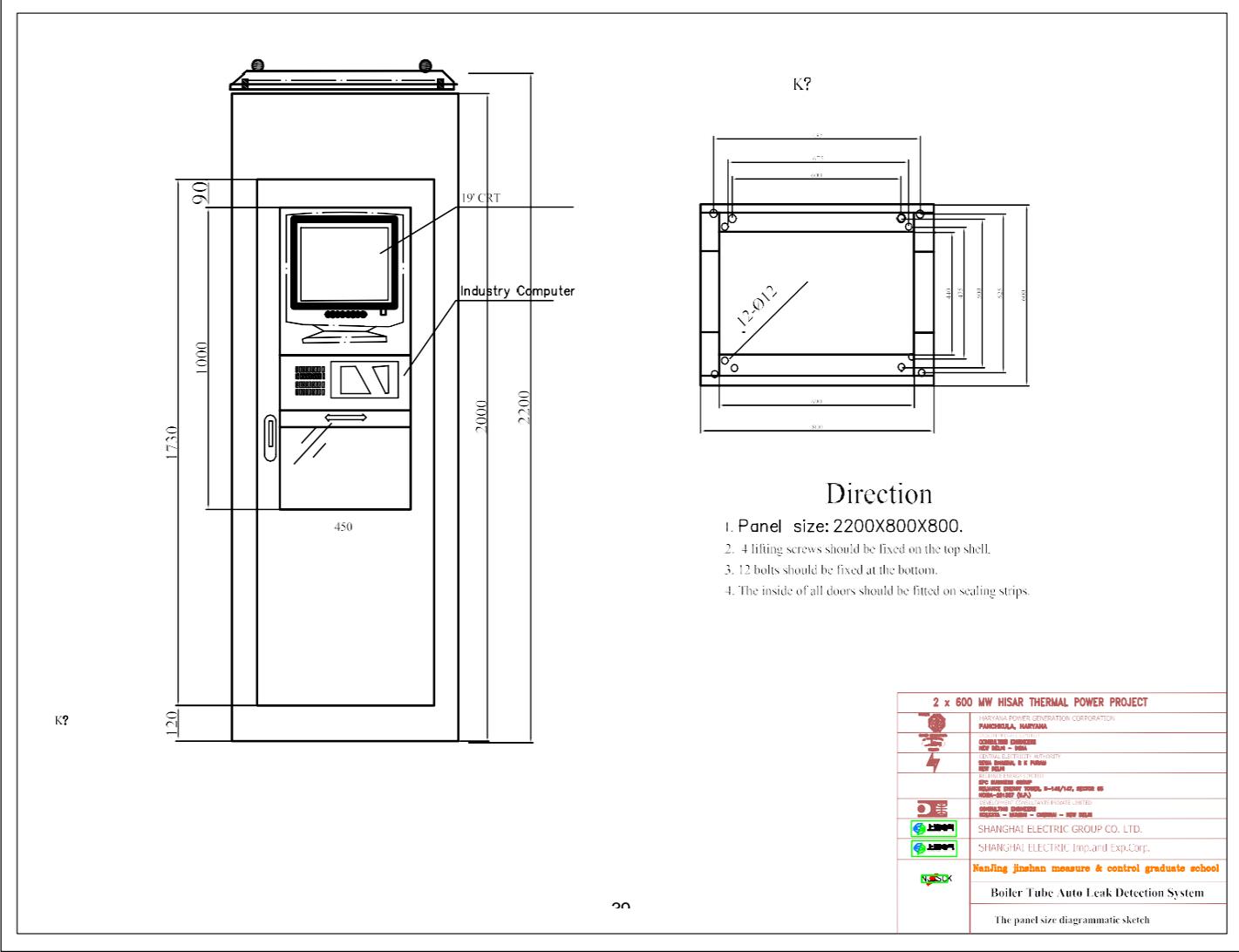
Subject: Supply, Erection, Testing and Commissioning of boiler tube leakage detection system at Unit-2 (600MW), RGTPP, Khedar, Hisar.

Sr. No.	Description of Work to be executed as per terms and condition of contract.	Qty	Quoted rate without GST(Rs.)
01	Supply of items as per annexure-IV of complete Boiler tube leakage detection system as per terms and condition of contract.	1 Set(Each item to be quoted as per BOQ)	
02	Erection, testing and commissioning of complete Boiler tube leakage detection system as per terms and condition of contract.	1 Set	
Total amount without GST			

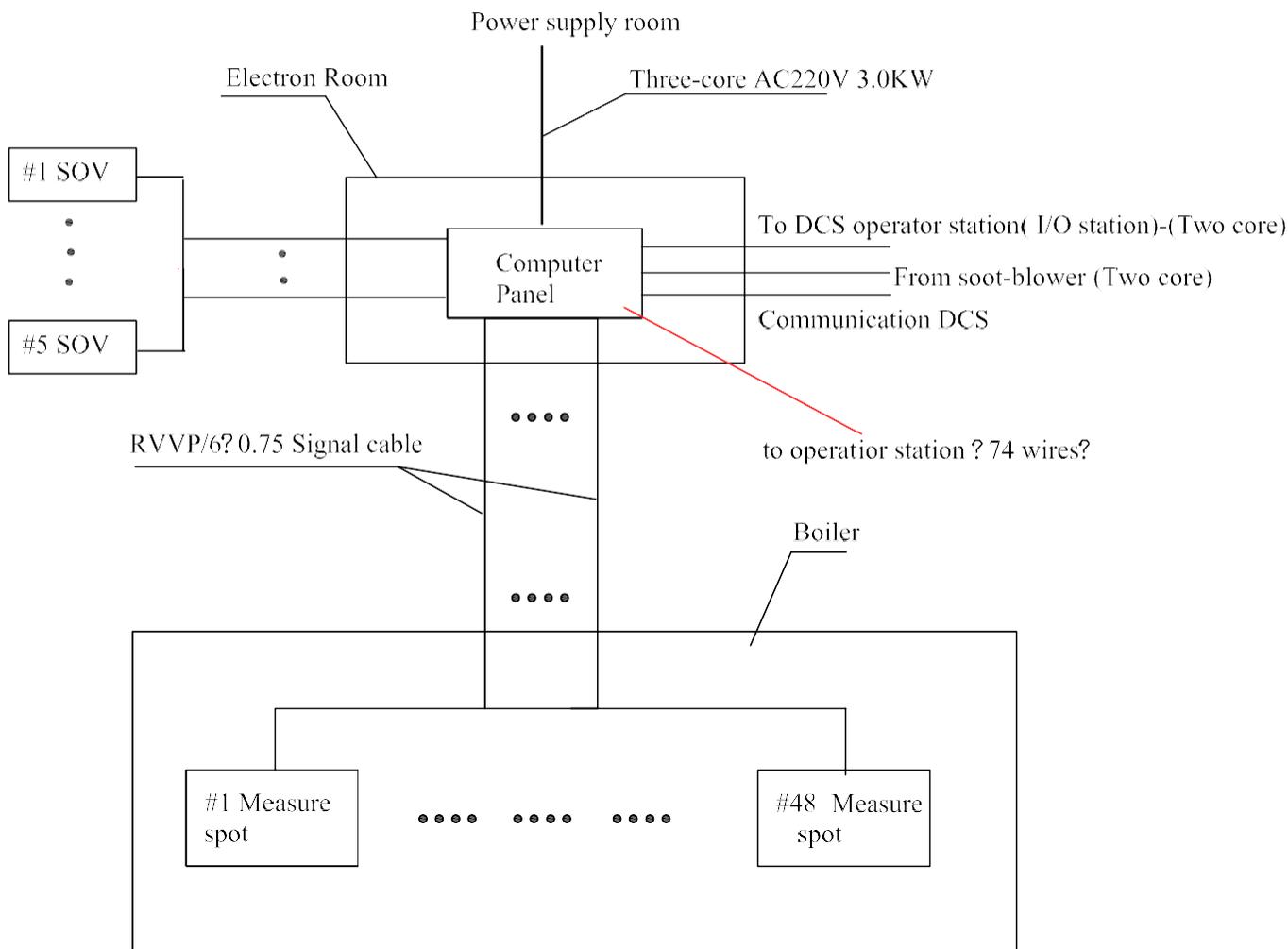
Note:-

1. The tender will be awarded to the bidder (L-1) whose overall lump sump rates are the lowest including taxes.
2. GST shall be paid extra as applicable.

Existing ASLD panel dimensions:-



Note:- The dimensions may vary from the drawing; therefore, the firm shall verify all dimensions at the site



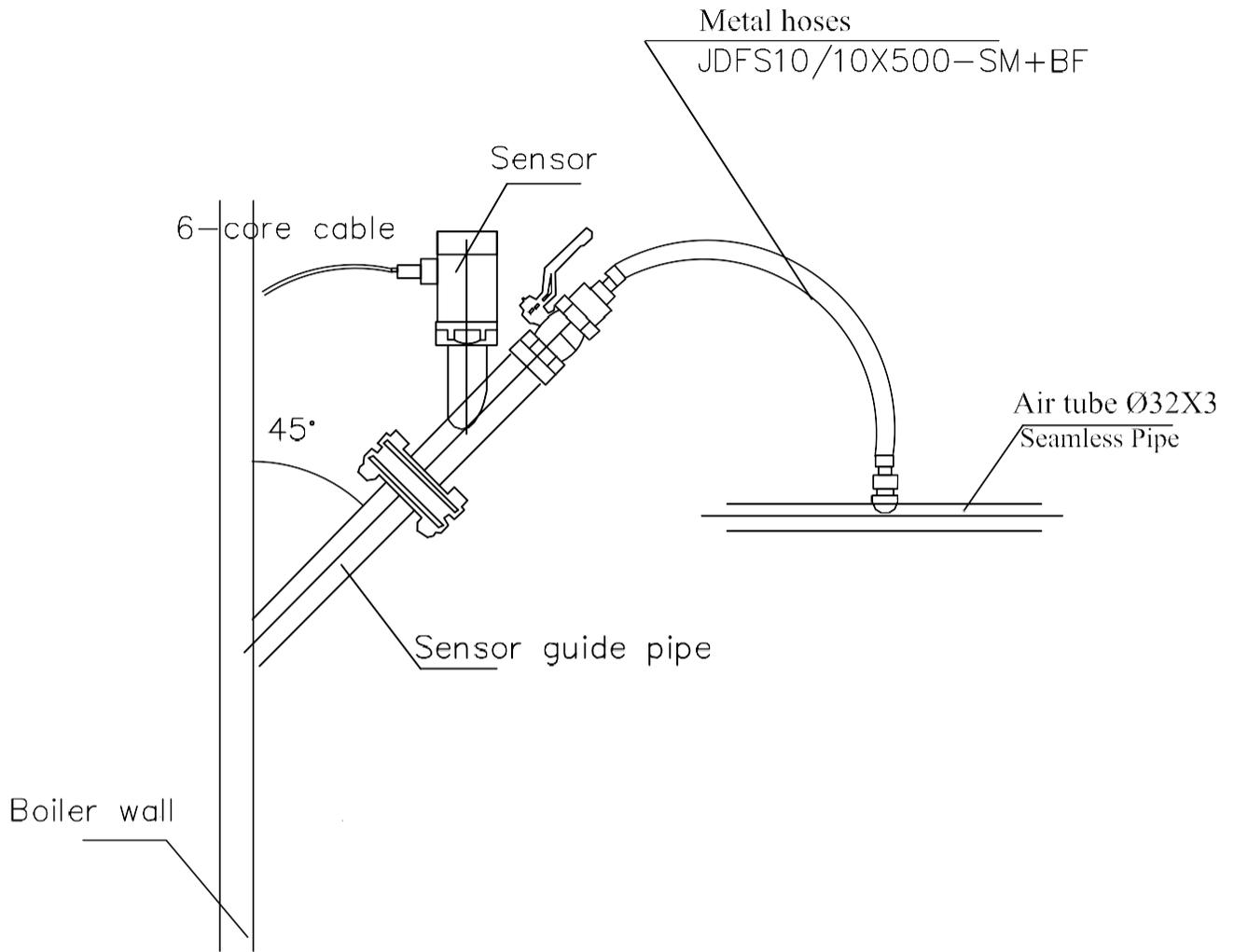
Cable Laying Introduction

System need laying 57 cables:

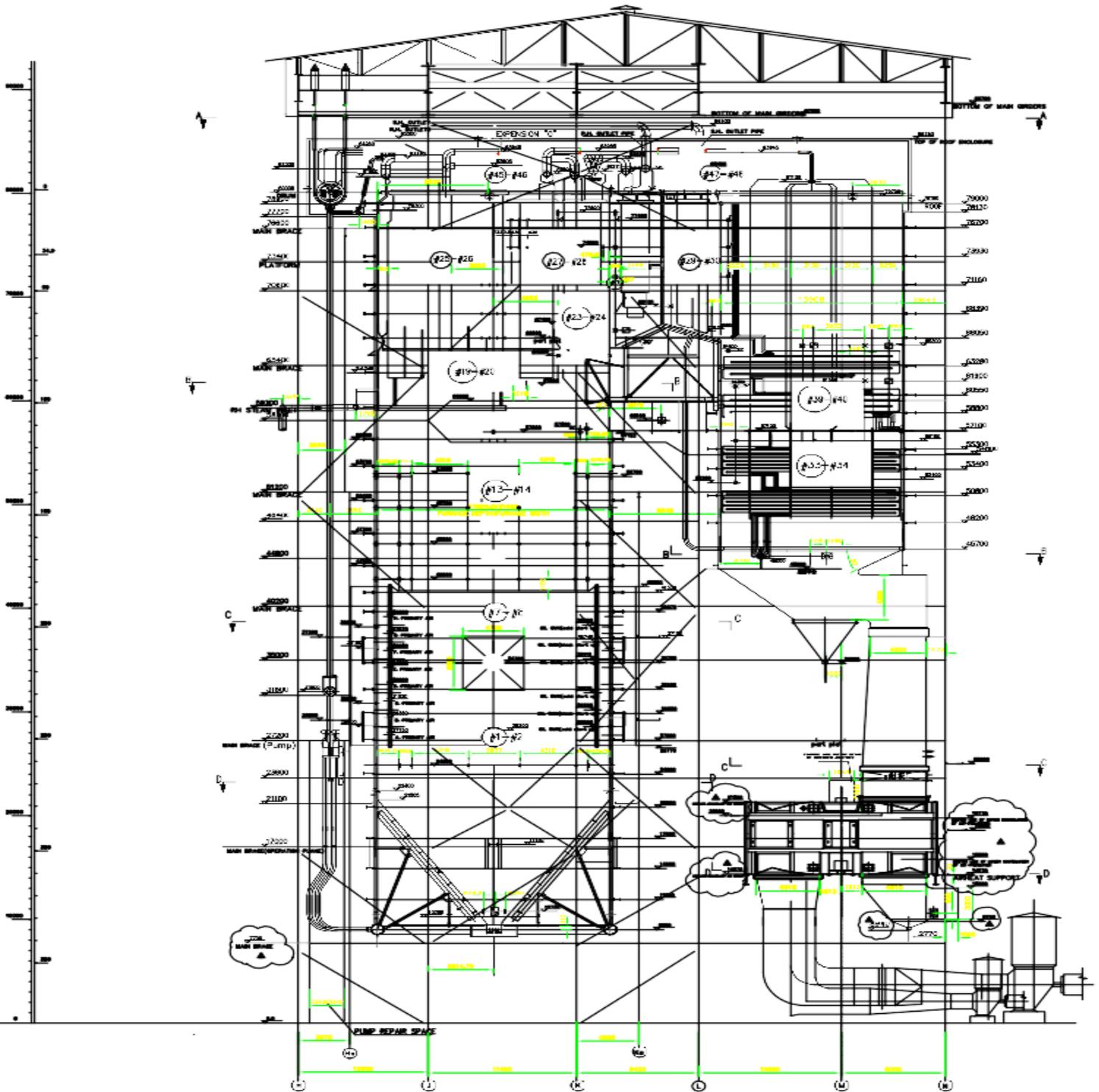
- | | | |
|--|-----------|---------------------|
| 1?Host computer panel to every point | 48 cables | RVVP6X1.0 |
| 2?Host computer panel to sov | 5 cables | RVVP6X1.0 |
| 3?Host computer panel to DCS alarm | 1 cable | Two core |
| 4?Host computer panel to Soot-blower | 1 cable | Two core |
| 5?Host computer panel to Power supply room | 1 cable | Three core (2000W?) |
| 6?Host computer panel to DCS | 1 cable | |
| 7? Panel to operator station | 74 wires | |

Fix according to requirements of controlling system.

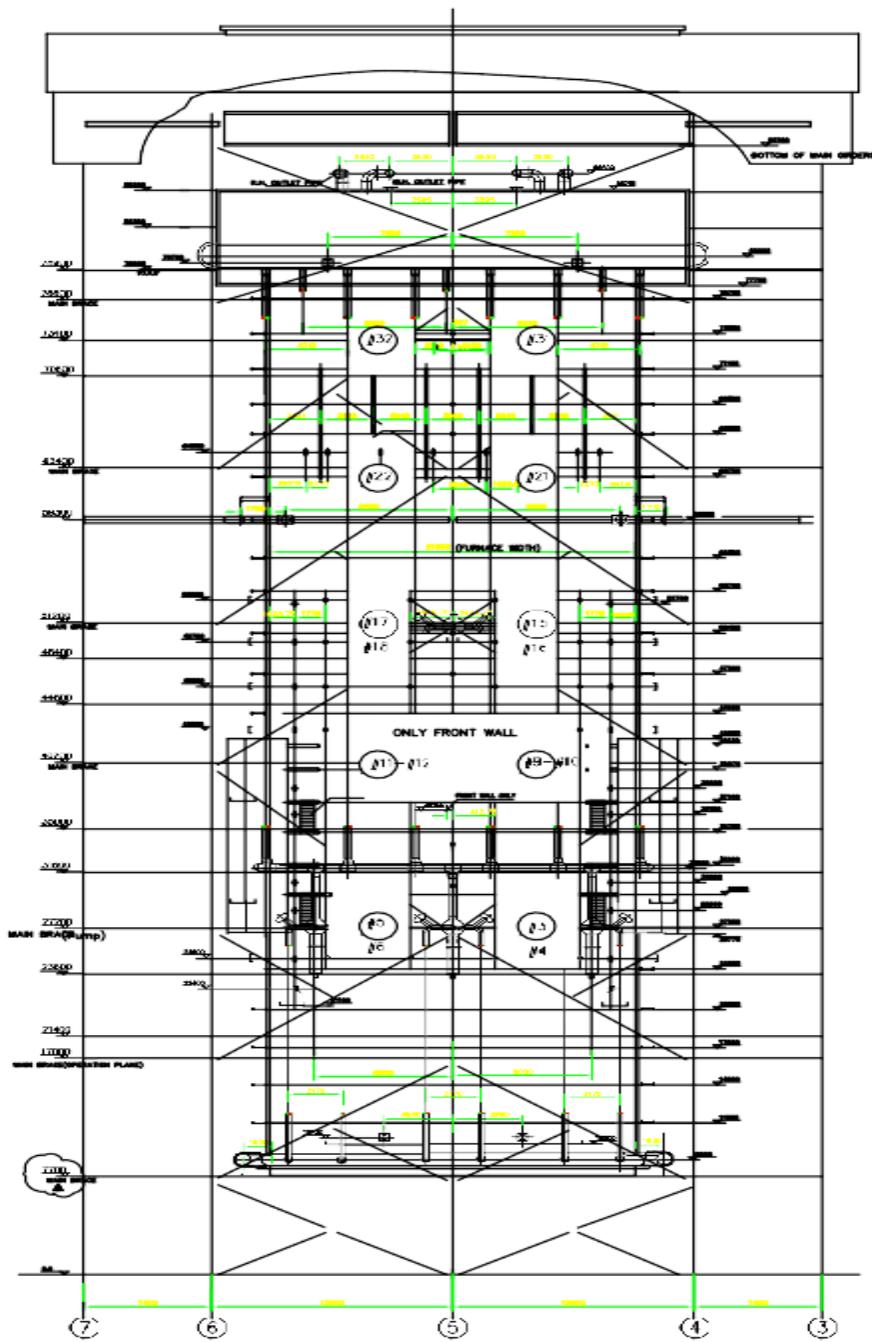
2 x 600 MW HISAR THERMAL POWER PROJECT	
	HARYANA POWER GENERATION CORPORATION PANCHKULA, HARYANA
	DSRP PRIVATE LIMITED CONSULTING ENGINEERS NEW DELHI - INDIA
	CENTRAL ELECTRICITY AUTHORITY SEWA BHAWAN, R K PURAM NEW DELHI
	RELIANCE ENERGY LIMITED EPC BUSINESS GROUP RELIANCE ENERGY TOWER, H-148/147, SECTOR 83 MOHA-201307 (U.P.)
	RELiance Energy Limited CONSULTING ENGINEERS KOLKATA - MUMBAI - CHENNAI - NEW DELHI
	SHANGHAI ELECTRIC GROUP CO. LTD.
	SHANGHAI ELECTRIC Imp.and Exp.Corp.
	Nanjing jinshan measure & control graduate school
Boiler Tube Auto Leak Detection System	
All cables connected of system diagrammatic sketch	



2 x 600 MW HISAR THERMAL POWER PROJECT	
	HARYANA POWER GENERATION CORPORATION PANCHKULA, HARYANA
	DELHI STATE ELECTRICITY BOARD CONSULTING ENGINEERS NEW DELHI - INDIA
	CENTRAL ELECTRICITY AUTHORITY SEWA BHAWAN, R K PURAM NEW DELHI
	RELIANCE ENERGY SERVICES EPC BUSINESS GROUP RELIANCE ENERGY TOWER, H-146/147, SECTOR 65 NOIDA-201307 (U.P.)
	DEVELOPMENT CONSULTANTS PRIVATE LIMITED CONSULTING ENGINEERS KOLKATA - MUMBAI - CHENNAI - NEW DELHI
	SHANGHAI ELECTRIC GROUP CO. LTD.
	SHANGHAI ELECTRIC Imp. and Exp. Corp.
	Nanjing jinshan measure & control graduate school
	Boiler Tube Auto Leak Detection System
	Installation sound pipe diagrammatic sketch



2 x 60C MW HISAR THERMAL POWER PROJ	
	PANCHKULA POWER GENERATION CORPORATION PANCHKULA, HARYANA
	DESIGN SERVICES PRIVATE LIMITED CONSULTING ENGINEERS NEW DELHI - INDIA
	CENTRAL ELECTRICITY AUTHORITY SEWA BHAWAN, R. K. PURAM NEW DELHI
	RELIANCE ENERGY INDIA LTD EPC BUSINESS GROUP RELIANCE ENERGY TOWER, H-148/147, SECTOR 68 Gurgaon-201307 (U.P.)
	RELIANCE ENERGY INDIA LTD CONSULTING ENGINEERS KOLKATA - MUMBAI - CHENNAI - NEW DELHI
	SHANGHAI ELECTRIC GROUP CO. LT
	SHANGHAI ELECTRIC Imp.and Exp.C
	NANJING JINSHAN GAUGE CO
	BOILER TUBE LEAK DETECTION MEASURING POINT



2 x 600 MW HISAR THERMAL POWER PROJECT	
	HARYANA POWER GENERATION CORPORATION PANCHKULA, HARYANA
	SEWER PROJECT LIMITED CONSULTING ENGINEERS NEW DELHI - INDIA
	CENTRAL ELECTRICITY AUTHORITY SEWA BHAWAN, R K PURAM NEW DELHI
	101, 74, 74, 101, 101, 101 EPC BUSINESS GROUP RELIANCE ENERGY TOWER, H-145/147, SECTOR 68 NOIDA-201 507 (U.P.)
	SHANGHAI ELECTRIC GROUP CO., LTD.
	SHANGHAI ELECTRIC Imp. and Exp. Corp.
	NANJING JINSHAN GAUGE CONTROL
	BOILER TUBE LEAK DETECTION SYSTEM MEASURING POINT

CONTRACT AGREEMENT

This contract agreement entered in to this _____ day of the month of _____, 20__ between Haryana Power Generation Corporation Ltd., a body corporate constituted under the Indian Company Act, 1956 herein after called Corporation which terms shall include all its heirs and successors on the one hand and M/s _____ . The firm which terms shall include all its heirs and successors on the other hand.

Whereas a contract for _____ at RGTPP, Khedar, Hisar for the work of _____ as officially described in tender documents issued against NIT no. _____ dated _____ and concluded by the issue of Work Order no. _____ dated _____ appended hereto between Corporation & Firm. Whereas Firm further agree to abide by all labour laws, rules and regulations which may be enforced from time to time. Whereas the firm also agree to absolve the Corporation from all risks & responsibilities towards the labour engaged by the firm during execution of the above said work.

The firm will comply with all the provisions of the relevant labour laws/Acts and the rules /regulations framed there under. In the event of RGTPP, Khedar, Hisar being obliged to pay the compensation, the firm will indemnify the Corporation. The labour regulation shall be treated as part of the contract. Any break of labour laws/regulation shall be treated as breach of the contract.

Here RGTPP, Khedar, Hisar and the firm have agreed to execute an agreement.

Now this deed witness and parties hereto hereby mutually agree as above.

In witness thereof, the firm & HPGCL hereto set their hands as under.

Signature of the firm

Signature & designation

In presence of witness

and on behalf of HPGCL in presence of witness

Witness

Witness

1.

1.

2.

2.

STATEMENT OF BIDDERS

1. Name of Bidder _____
2. Address of Head Office _____
3. Correspondence Address _____
4. Legal status _____
5. PAN & GST Number of the Bidder (attached self-attested photocopies)
 PAN _____
 GST No. _____
6. Bank Details (attached signed cancelled cheque)
 - i. Bank Name & Address
 - ii. Bank Account Number
 - iii. Bank Branch Code
 - iv. IFSC Code of Branch
 - v. Nature of account (current/saving/OD/CC)
7. Main Lines of Business
 - i. _____ since _____
 - ii. _____ since _____
 - iii. _____ since _____
8. Annual Turnover of past three year
 - i. _____
 - ii. _____
 - iii. _____
9. Past Experience

Name of Organization	of	Period	Reference Contract	of	Order Value contract wise

10. Any other: -

Signature & Stamp of Bidder

Name & Designation of _____
 Authorized Bid Signatory _____

Earnest Money Declaration Form

(In case of bidder is registered as contractor with Haryana Government on Haryana Engineering Works Portal).

1. I hereby submit a declaration that the bid submitted by the undersigned, on behalf of the bidder, (name of the Bidder), shall not be withdrawn or modified during the period of validity i.e. not less than 120 (one hundred twenty) days from the bid due date.
2. I, on behalf of the bidder, (Name of Bidder), also accept the fact that in case the bid is withdrawn or modified during the period of its validity or if we fail to sign the contract in case the work is awarded to us or we fail to submit a performance security before the deadline defined in clauses of the tender document, then (Name of Bidder) will be debarred for participation in the tendering process in any- Department/Boards/Corporations etc. of the Government of Haryana for a period of Two year from the bid due date of this work.

(Signature of the Authorized Signatory)

(Official Seal)

Annexure-XV

Self-Undertaking for No-Default in Labour Laws Compliance.

"It is hereby certified that I/We i.e. M/s is not under any default towards compliances under any of the labour laws presently, however in case at a later stage such certification found wrong then it will lead to misrepresentation of the facts and I/We i.e. M/s shall be treated as blacklisted on this ground and action shall be taken as per regulation 36 & 37 of the HPGCL Works & Purchase Regulations, 2015."

(Sign. & Stamp of contractor)

ANNEXURE-XVI

UNDERTAKING OF WORK FORCE ENGAGED BY THE CONTRACTOR

I _____ S/o Sh. _____

Resident of _____ working with

M/s _____ as _____ hereby give

Undertaking that I will not claim any lien/any service in HPGCL in lieu of service render

to the Firm M/s _____ against

Work order No. _____ dated _____.

Signature & Stamp of Contractor.

Signature of worker

Undertaking for Testing of Acoustic Sensor and Make/Data Sheet of Acoustic Sensor

I _____ Designation _____

of (Name of the Company) _____

We hereby accept the testing clause of the Acoustic Sensor. In case the test results of the acoustic sensor are not found to be in accordance with the specified requirements, the work order shall be liable to cancellation, and the firm shall be solely responsible for failure to supply the sensor as per the work order specifications. I will provide the complete details of the Acoustic Sensor, including its make and datasheet and ASLD software features as per specifications along with bid documents.

Make of the acoustic sensor: -

Data Sheet of Acoustic Sensor attached: -

For M/s _____

Acceptance Certificate

I _____ Designation _____

of (Name of the Company) _____

Here by accept all the terms and conditions given in the above tender document.

For M/s _____

Undertaking from the vendor (on vendor’s letter head for not generating e-invoice)

We M/s. having PAN and GSTIN Registration Numberhereby undertake that our Aggregate Turnover (as per Section 2(6) of Central Goods and Services Tax Act, 2017) for FY 2025-26 does not exceed the prescribed threshold (as on the date of this declaration) for generation a Unique Invoice Registration Number (IRN) and QR code as per the provisions of Central Goods and Services Tax Act, 2017 and rules thereunder (“GST Law”). Further, we also undertake that if the aggregate turnover of M/s. exceeds the current threshold or revised threshold notified by Government of India at any future date, then we shall issue invoice and credit note in compliance with the required provisions of GST Law. In case of any queries from the any state or centre Goods and Services Tax authorities, M/s.will be solely responsible.

Yours Truly,

For M/s.....

Authorized Signatory Name:

Designation:

Undertaking from the vendor (on vendor's letter head) regarding validation of GST registration (for each GST number separately)

1) GST registration of GST no.....in name of M/s.....is valid as on date.....

2) No default has ever been made by me/my firm in name of in filing the various GST returns and deposit of GST dues with the department with respect to GSTN.....

Yours Truly,

For M/s.....

Authorized Signatory Name:

Designation:

Undertaking cum declaration from the vendor (on vendor's letter head)

- i. I undertake to submit a CA certificate regarding validity of GST registration on every six months during the tenure of contract.
- ii. I undertake to submit copies of GSTR I and GSTR 3B/challans as evidence to deposit of GST with certification that GST collected from HPGCL, to be specified in exact rupees, has been paid to Govt. vide this challan (specifying the challan no. & date of deposit) and returns filed (date of filing of return) includes the transaction of supply of Good or/and services to HPGCL.
- iii. I undertake to inform immediately the HPGCL about initiation of any proceeding (if any) against me/my firm under the GST laws which may result in suspension or cancellation of GST number of the Vendor.

Yours Truly,

For M/s.....

Authorized Signatory Name:

Designation:

Undertaking cum indemnity bond from the vendor (on vendor's letter head) regarding timely deposition of GST

- 1) Certified that we are registered as taxable person under GST Act, our GST no. is ----- and which is active as on-----.
- 2) Certified that bill for the month of-----in which GST has been claimed, is included in all the GST returns submitted by us to the GST authorities.
- 3) Certified that we shall deposit the amount of GST collected from RGTPP/HPGCL to the Government exchequer within the time specified under the GST Law.
- 4) Certified that the goods/services on which GST has been charged have not been exempted from GST under GST Act. The rate/amount of GST in these goods/services is correct under the provisions of the GST Act.
- 5) We give Undertaking-cum-indemnity bond to RGTPP/HPGCL that we shall indemnify to RGTPP/HPGCL for any loss sustained in case we does not deposit the GST to the government exchequer, which it has recovered from the M/s HPGCL as tax.

Yours Truly,

For M/s.....

Authorized Signatory Name:

Designation

(To be printed on your letter head and to be signed with seal)

DECLARATION FOR NOT IMPOSING HIGHEST TDS/TCS RATE AS PER SECTION 206C CA/206A OF INCOME TAX ACT 1961

Sr. No	Particular	Details			
1	Name of Firm				
2	PAN Number				
3	Whether ITR filed within the time limit provided u/s 139(1) of Income Tax Act for two previous financial years	Yes		No	
4	If yes, kindly provide the detail along with self-certified copy of ITR/Acknowledgment of last two financial year.	F/Year	Acknowledgment No.	Date of Filing	
5	Declaration with respect to aggregate amount of Tax Deducted at Source (TDS) and Tax Collected at Source (TCS) in each of the above F/years	F/Year	Total Amount of TDS and TCS	Yes / No	
			Rs. 50000/- or more		
			Rs. 50000/- or more		
6	In case ITR not filed due to time limit prescribed under section 139(1) of income Tax act has not been expired	It is hereby declared /undertaken that we shall file the ITR within prescribed time limit and immediately after filing of ITR will submit the self-certified copy of Acknowledgement of ITR			
7	Contact Person				
	- Name				
	- Mobile No.				
	- E Mail Id				

I/we hereby certify that the declaration made above is true and correct. If there is any change in the above information, I/we would promptly intimate the same to RGTP, HPGCL. Further, I/we would also submit any document/information required/needed to support the above information, as and when required by RGTP, HPGCL.

In the event that above declaration is found to be false/incorrect/misleading etc. due to which M/s RGTP, HPGCL is held liable for any consequence under the Act, I/we would indemnify M/s RGTP, HPGCL towards any loss/damage incurred in the regard.

Yours Sincerely

Undertaking for Support and latest Software System for Boiler Tube leakage Detection System

I _____ Designation _____

of (Name of the Company) _____

We hereby accept the technical terms and condition and provide the full support the for boiler tube leakage detection system a period of 10 years from the OEM and certified that that the operating system will be provided latest window version till data and no higher version is available till now in the letter head.

For M/s _____

ANNEXURE-XXV

STANDARD OPERATING PROCEDURES TO BE FOLLOWED BY BIDDERS TO MONITOR GST COMPLIANCE & INCOME TAX ACT :

Stage I: - Floating of Notice Inviting Tender (NIT)

- It is to ensure that the all prospective bidders to submit copy of Registration Certificate under GST Act.
- The following undertakings (on the letter head of bidder) to be made part of mandatory documents to be submitted by all bidders:

1.1 GST registration is valid as on date.

1.2 No default has ever been made by bidder in filing the various GST returns and deposit of GST dues with the department.

1.3 Bidders having multiple registrations under GST will submit undertaking for each & every GST number. A default under a GST number even if the GST number pertains to some other state, will make the vendor ineligible to participate in tender.

In addition, the successful bidder will also submit the following undertakings in addition to above immediately after issue of work order and with submission of each & every bill unless mentioned otherwise:

1.4 Undertakings mentioned at 1.1, 1.2 and 1.3.

1.5 A CA certificate regarding validity of GST registration will be submitted every six months during the tenure of contract.

1.6 Vendor will submit copies of GSTR I and GSTR 3B/challans as evidence to deposit of GST with certification that GST collected from HPGCL, to be specified in exact rupees, has been paid to Govt. vide this challan (specifying the challan no. & date of deposit) and returns filed (date of filing of return) includes the transaction of supply of Good or/and services to HPGCL.

1.7 Vendor will inform immediately the HPGCL about initiation of any proceeding (if any) against him under the GST laws which may result in suspension or cancellation of GST number of the Vendor.

1.8 Undertaking to indemnify the HPGCL in case of any financial implication on HPGCL due to non-compliance of prescribed obligation under the GST Law on part of the Supplier/vendor.

1.9 In case of ARCs/AMCs having duration above one year, copies of GSTR 1, GSTR 2A and GSTR 3B along with copies of invoices raised to HPGCL, duly reconciled with three returns to be submitted on quarterly basis.

In case of one time job orders and purchase orders, copies of GSTR 1, GSTR 2A and GSTR 3B along with copies of invoices raised to HPGCL, duly reconciled with three returns to be submitted before release of the security.

Stage II :Scrutiny of bids -

- The GST registration status of vendors will be verified from the official website www.gst.gov.in
- The address of vendor, the place from which supplies will be made or the invoice will be raised, mentioned in bid document should match with the GST registration number on the department's website. In case vendor is having multiple GST registration numbers, executive to ensure that GST number linked to place of supplier should be submitted to HPGCL.
- Filing status of following returns is to be verified that the returns are being filed by vendor within due dates:

Return	Periodicity of filing	Return for
GSTR1	Monthly	Outward supplies
GSTR2A	Monthly	Its auto populated on GST portal on the basis of GSTR 1 filed by vendor.
GSTR 3B	Monthly	Payment of GST
GSTR9	Yearly	Compilation of outward and inward supplies, made during the FY

GSTR9C Yearly Analytical statement on GST returns certified by GST Auditor

- Will be verified the undertakings, as specified in NIT, have been submitted by bidders. Failure to submit unconditional undertakings will render the bidder to ineligible at technical stage of evaluation itself.

Stage III :Award of contract/ Issue of WO.

- Purchase order/work order to specify that in case of failure at the end of vendor regarding deposit of tax and in complying with conditions mentioned at stage I & II, HPGCL will have right to recover the GST amount in default along with interest & penal amount and deposit the same directly with GST department on behalf of vendor to the credit of HPGCL.
- Vendor will undertake to immediately inform the HPGCL about any amendment in the GST certificate and to immediately submit the updated registration certificate.

Stage IV : Receipt of first invoice-

- Executive wing to verify that the invoice is in performa as specified under GST laws (Section 31 to 34 of CGST Act read with Rules 46 to 55A of the CGST rules deal with the Tax invoice, Credit notes and debit notes) with correct GST number of HPGCL so that no difficulty is faced by HPGCL while claiming Input Tax Credit of GST due to incorrect GST number and also to reconcile the GST number and address of supplier as per invoice with the GST number & address given in tender documents submitted by vendor and submit the duly verified invoice to accounts wing.
- After the implementation of the E-Invoice w.e.f.01 Oct 2020 generation of e-invoice from common e-invoice portal for B2B supplies by person having aggregate annual turnover of more than Rs.500 Crs has been made compulsory. And w.e.f 01.Jan2021 Generation of E-invoice for GST supplies by person having aggregate turnover of more than Rs. 100 Crs has been made compulsory. And w.e.f 01.04.2021 generation of E- invoice for GST supplies by the person having aggregate turnover of more than Rs.5 Crs is proposed to made compulsory. The nodal officer/engineer in charge of the contract/appointed officer of the respective plant should demand from the supplier E- Invoice containing the invoice reference number (IRN) and QR code. It is worthwhile to note that any tax invoice including tax credit / Debit note issued by such notified person for B2B supplies without following the e-invoicing procedure shall not be treated as a valid document.
- Obtain a undertaking from the vendor who are not generating e-invoice in following format:

We M/s..... having PAN and GSTIN Registration Numberhereby undertake that our Aggregate Turnover (as per Section 2(6) of Central Goods and Services Tax Act, 2017) for FY 2019-20 does not exceed the prescribed threshold (as on the date of this declaration) for generation a Unique Invoice Registration Number (IRN)and QR code as per the provisions of Central Goods and Services Tax Act,2017 and rules thereunder ("GST Law"). Further, we also undertake that if the aggregate turnover of M/s..... exceeds the current threshold or revised threshold notified by

Government of India at any future date, then we shall issue invoice and credit note in compliance with the required provisions of GST Law. In case of any queries from the any state or centre Goods and Services Tax authorities, M/s. will be solely responsible.

Yours Truly,

For M/s.....

Authorized Signatory Name : Designation:

- Accounts wing to check Arithmetical accuracy, Rate of GST charged & other calculations.
- In case the reis difference in value of invoice, due to difference in quantity or quality actually supplied, GST will be applied on revised value of invoice.

Stage V: Receipt of IInd& subsequent invoices(to be followed by executive and account wing)

- In addition to procedure mentioned in stage IV, following steps to be under taken
- All under taking mentioned at stage I to be obtained & verified.
- GSTR 2A should be matched with amount of GST paid. In case, the details are not there in GSTR2A, issue needs to be taken up with vendor and GST consultant of HPGCL.

Others(to be followed by executive and account wing):

- EMD and Securities / Bank guarantees taken by HPGCL may be refunded only after payment of GST by vendor / contractor which was charged from HPGCL.
- In case any issue arises wrt failure by the firm in GST compliances, all future payments to be put on hold after having consultation with HPGCL's GST consultant.

TECHNICAL CHECK LIST FORMAT**(To be filled/uploaded online only)**

Sr. No	Technical Specification	Bidder Response (Yes / No)
1	Tender cost with e-service fees	
2	Earnest Money Deposited	
3	Earnest Money Exemption	
4	Bidder(s) shall have HEWP contractor Identity while applying for the tender.	
5	Proof for GST number and PAN, EPF Number, ESI certificate.	
6	Statement of bidders as per annexure-XIII.	
7	Acceptance of all terms & conditions of NIT.	
8	<p>The bidder should be an Original Equipment Manufacturer/Supplier (OEM/OES) or a registered vendor of HPGCL as per Vendor Registration Policy for the specific category i.e. Boiler Tube leakage detection System of the work.</p> <p style="text-align: center;">OR</p> <p>The bidder to have an experience of having successfully executed work order(s)/Purchase order in thermal power station in HPGCL / NTPC/ SEBs/ PSUs/ Corporations / Central Govt. /State Govt. /Semi Govt. or any thermal generating unit of 210 MW or above and have average annual turnover and other eligibility condition as given below:- Experience of Execution of Purchase/Work Order Bidder must have successfully executed the purchase order/work order for supply with or without erection, testing and commissioning of Boiler Tube Leakage Detection System or similar items during last seven years ending last day of the month previous to the month in which applications are invited having minimum order value including GST</p>	
9	Single order of the value not less than Rs. 59,04,720/- or	
10	Two orders each of the value not less than Rs. 36,90,450/-or	
11	Three orders each of the value not less than Rs. 29,52,360/-	
12	The tender documents of only those bidders shall be considered who fulfil the eligibility criteria and submit documentary evidence in support of the same along with a copy of a Performance Certificate/Repeat Order from the same organization if any. The authentic documentary evidence in support of their claim of having said experience should be enclosed in technical bid for consideration of their tender.	
13	Bidders must have average annual turnover in last three consecutive financial years shall not be less than Rs. 2,53,05,943/-. Firm has to supply copy of audited balance sheet showing the turnover.	
14	Firm should submit a certificate to the effect that the tenderer is not presently black listed from any Public Sector undertakings of Central Govt. / State Govt. / SEBs / Corporations / any other reputed Thermal / Hydel Plant etc.	
15	Firm has to certify itself for its eligibility with supportive documents to participate in the NIT stating that it is not under any default towards compliance under any of the labour laws presently, however in case at the later stage such certification found wrong then it will lead to misrepresentation of the facts and the firm shall be treated as blacklisted on this ground and action shall be taken as per regulation 36 & 37 of the HPGCL Works & Purchase Regulation, 2015.	
16	Authority letter in the name of the Authorized Person who has signed the Tender Document / Price Bid on behalf of the Contractor / Company.	
17	Undertaking for Testing of Acoustic Sensor and Make/Data Sheet of Acoustic Sensor.	
18	Undertaking for Support and latest Software System for Boiler Tube leakage Detection System.	