

RAJIV GANDHI THERMAL POWER PLANT

(A Unit of Haryana Power Generation Corporation Limited)

(Regd. Office: C-7, Urja Bhawan, Sector-6, Panchkula)

Corporate Identity No. U45207HR1997SGC033517

Website:-www.hpgcl.org.in, Email ID: xenmp.rgtp@hpgcl.org.in

E-TENDER DOCUMENT

FOR

**Overhauling of RAPHs (Rotary Air Pre-heaters)
during forthcoming overhauling of Unit # 2 of
2x600 MW, RGTPP, Khedar, Hisar.**

NIT No. 16/M&P-731(A)/RGTPP/2025-26

Dated : 20.08.2026

**XEN/M&P,
FOR CHIEF ENGINEER/RGTPP,
RAJIV GANDHI THERMAL POWER PLANT,
HPGCL, KHEDAR, HISAR.
Telephone no.- 01693-250136**

**HARYANA POWER GENERATION CORPORATION LIMITED****Regd. Office – C-7, UrjaBhawan, Sector-6, Panchkula****Corporate Identity Number: U45207HR1997SGC033517****Website:** www.hpgcl.gov.in**Telephone No.** 01693-250136

An ISO: 9001, ISO: 14001 and OHSAS: 18001 Certified Company

NOTICE INVITING E-TENDER

E-tenders in two parts are invited on behalf of CE/RGTPP, Haryana Power Generation Corporation Limited (HPGCL) Khedar, Hisar from eligible parties, for the work as under: -

Tender Enquiry No.	NIT No. 16/M&P-731(A)/RGTPP/2025-26 Dated : 20.08.2026
Description of Work	Overhauling of RAPHs during forthcoming overhauling of Unit # 2 of 2x600 MW, RGTPP, Khedar, Hisar.
Earnest Money	Rs. 59,900/-
Start date and time of tender uploading	20.08.2026 At 12:00 hrs.
Last date for submission of online tender	31.08.2026 Upto 16:00 hrs.
Due date & time of opening of Technical bid (Part-I)	01.09.2026 At 16:00 hrs.
Cost of Tender documents (Non-refundable)	Rs. 1180/-
E-services fees (Non-refundable)	Rs. 1180/-
Instructions regarding e-tendering	Annexure-A
General Instructions to Bidders	Annexure-B
Scope of Work	Annexure-C
General Terms & Conditions of Contract	Annexure-D
Special / Other Terms & Conditions	Annexure-E
Supervision / Quality Control of Work	Annexure-F
Statement of bidders	Annexure-G
Undertaking of Staff Engaged	Annexure-H
Undertaking regarding acceptance of all terms & conditions of e-NIT	Annexure-I
Undertaking regarding non blacklisting of firm	Annexure-J
Undertaking regarding compliance of Labour Laws	Annexure-K
Check List	Annexure-L
S.O.P. regarding GST and TDS	Annexure 1 to 5

XEN/M&P,
For Chief Engineer /RGTPP,
HPGCL, Khedar, Hisar.

Instructions to bidder on Electronic Tendering System

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

1. Registration of bidders on e-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 Bids 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 / Postmaster / 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. The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from:

For support related to Haryana Tenders in addition to helpdesk you may also contact on email ID - eproc.nichry@yahoo.com , Tel- 0172-2700275

For queries on Tenders Haryana Portal, kindly contact

Note- Bidders are requested to kindly mention the URL of the Portal and Tender Id in while emailing any issue along with the Contact details. For any issues/ clarifications tender(s) published kindly contact the respective Tender Inviting Authority.

For any technical related queries please call at 24 x 7 Help Desk Number

E - mail: support-eproc@nic.in OR eproc.nichry@yahoo.com

Help Desk: 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 hash 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 backup of the certificate and also keep the copies at a 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. Opening of an Electronic Payment Account:**
Tender documents can be downloaded online. Bidders are required to pay the tender documents fees online using the electronic payments gateway service.
- 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 the 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 N.I.T 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. Download of Tender Documents:**
The tender documents can be downloaded free of cost from the e-Procurement portal <https://etenders.hry.nic.in>.
- 7. Key Dates: -**
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.
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 a 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.
- 8. Bid Preparation (Technical & Financial) Online Payment of Tender Document Fee, e-Service fee, EMD fees of online Bids:**
- 8.1. The bidders shall have to pay for the Tender document fee, EMD fees & eService Fee (Rs. 1180/-) 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 eService 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.
- 8.2. 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 the scheduled date of opening of technical bid. As per system settings, part-II cannot be opened on that date.
- 8.3. The tenders shall be opened on the due date by the Tender Opening Committee composed of Executive Engineer, AE/AEE and a representative of the finance / account department not below the rank of Section Officer / Divisional Accountant. The tenders shall be downloaded and printouts taken.
- 9.** If the tenders are canceled or recalled on any ground, the tender document fees & e-service fee will not be refunded to the agency. However, EMD shall be refunded.
- 10.** Bidder shall ensure that payment shall be made at least 2 days prior to the last date of submission of the bid.

11. The bidder can revise his price bid any number of times but only before the last date of submission of bid. All previous quotes are deleted & only the latest price quoted is visible to the purchasing authority on the date of opening of price bid.
12. 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.
13. 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.

NOTE:-

- (A) If a bidder fails to complete the Online Bid Preparation & Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.

**XEN/M&P,
For Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.**

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

The tender documents will only be accepted for those contractors who qualify the following criterion:

- 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 of the work / purchase.

OR

The bidder must have experience of successfully executed Work Order(s) in HPGCL/NTPC/any SEBs/any PSUs/any Corporations/Central Govt./State Govt./Semi Govt. or in any Thermal (minimum capacity of Thermal Power Station/unit shall be 110 MW or above) / Hydel Plant and have average annual turnover and other eligibility conditions as given below:

Experience of Execution of Work Order:

Bidders must have successfully executed the work order(s) for the same or similar work(s) during last 7 years ending last day of the month previous to the month in which applications are invited having minimum order value as under :-

Single Order of the value not less than **Rs. 23,94,896/-**

OR

Two Orders of the value not less than **Rs. 14,96,810/- each.**

OR

Three Orders of the value not less than **Rs. 11,97,448/- each.**

B. Turnover:

Bidders must have an average annual turnover in the last three consecutive financial years ended prior to the financial year in which applications are invited shall not be less than **Rs. 59.87 Lacs.**

- C. The contractor is registered under Contract Labour (Regulation & Abolition) Act, 1970 and possesses a valid labour license for deploying the workers on the work or will obtain the same within 15 days of issuance of work order. Contractor shall provide LIN No./Shop No. for registration.
- D. The contractor should have GST No., EPF Account No. & PAN No.
- E. The bidder should have a valid ESI no. or shall submit an undertaking to provide the same within one month of issue of work order.
- F. **The Bidder must have contractor ID on HEWP Portal (Haryana Engineering Works Portal) for participation in the tendering process failing which the firm's tender will be straight away rejected.**

Note:-

- a) If the bidder has a work order for a period of more than one year, the period and the proportionate value of the order which have been completed prior to the month in which applications are invited (duly supported by successful completion/execution certificate for such period/value) shall be taken into consideration for assessing the eligibility criteria.
- b) 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 conditions and as a proof of satisfactory execution of work.
- c) Eligibility of the black listed firms to participate in NIT: The firms who have been blacklisted by HPGCL or any other Centre or State Power Utility/ Board or Corporation/ or any other Thermal/Hydro Electricity project shall not be eligible to bid against 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 the past by any organization and presently such blacklisting has been 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 regulations of the corporation.
- d) The rates will remain firm throughout the contract period irrespective of change of minimum wages etc.
 - e) The firm should fill statement of bidder's Proforma as per **Annexure-G** and submit authentic supporting documents for proving its credential. Original documents may be asked for verification at the time of finalizing the tender.
 - f) Decision of the HPGCL regarding fulfillment of Pre-qualification requirement shall be final and binding upon the bidders.
2. Conditions of the contract and other information can be had from the office of XEN/M&P (E-mail:xenmp.rgtp@hpgcl.org.in, Telefax No. 01693-250136/8222023757) on any working day prior to last date of Downloading of Tender Documents & Bid Preparation.
 3. The Tender Document can also be downloaded from HPGCL website www.hpgcl.org.in.
 4. The tender will only be submitted on the centralized e-procurement portal i.e. <https://etenders.hry.nic.in>.
 5. 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 the same from the tender issuing office in writing before the due date of submission of the bid.
 6. The "Application for Bidding" along with the "Terms and conditions of the contract and its all Annexure should be submitted in duplicate duly filled up completely and signed on each page by the tenderer. 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 conforms to the specifications and terms and conditions as laid down in NIT.
 7. The tenderer shall submit their tender in two parts- the first part containing documents for qualifying criteria, and all other terms and conditions except the rates (price bid), and the second part containing the rates (price bid) quoted for the mentioned works.
 8. RATE QUOTING SHEET:- The tenderer will quote their rates STRICTLY AS PER THE RATE QUOTING SHEET.
 9. 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. The tenderer will quote their rates strictly as per details of specifications.
 10. 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.
 11. 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. Public Sector Undertakings of the Central / Haryana State Government.
 - ii. Firms borne on D.G.S. & D/DS&D Haryana rate contracts.
 - iii. Firms registered with the Director of Industries, Haryana or registered with National Small scale Industries Corporation, Govt. of India.
 - iv. Firms borne on the HPGCL's approved list of suppliers which may have made a permanent earnest money deposit of Rs.10.00 Lakh at the respective Project/office of HPGCL, if they quote the Registration number given by the respective project/office of HPGCL in their tender papers.
12. The rates quoted by the tenderer should be very competitive and as prevailing in the market and should be firm and lump-sum. Prices should be quoted per unit also wherever applicable and asked.
 13. The validity of the tender/offer shall be for **120 days** from the date of opening of the price bid.
 14. No deviation shall be allowed. However, in case of deviation of taxes etc., the same be loaded for comparison purpose.
 15. 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.
 16. The bidder shall bear all costs including 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.

17. The whole work against this tender shall be awarded to a single firm whose overall quoted/equated prices are lowest for the complete package.
18. The tender documents of only those bidders shall be considered who fulfill the eligibility criteria and submit documentary evidence in support of the same along with the copy of performance certificate /repeat order from the same organization, if any.
19. Tenders through Fax / E-mail / telegraphic tenders shall not be considered. Incomplete, obscure or irregular tender is liable for rejection.
20. HPGCL reserves the right to cancel the NIT or to change qualifying requirements or to reject any or all the tenders so received without assigning any reason.
21. **INSPECTION OF SITE OF WORK: -**
Before tendering, the tenderer is advised to inspect the site of work, 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.
22. Disqualification of The Bidders / Tenderers: -
 - a) Even though the bidders meet the above Qualifying Criteria they are subject to be disqualified, if they have made misleading or false representations in the forms, statements and attachments submitted in the proof of the qualification requirements.
 - b) Notwithstanding anything stated above Haryana Power Generation Corporation Ltd. reserves the right to assess the tenderer's capacity to perform the contract should the circumstances warrant such assessment in the overall interest of the Haryana Power Generation Corporation Ltd. In this regard the decision of the corporation will be final.
24. **Earnest money and Earnest money declaration Form**
- 24.1. The Bidder who does not have contractor id on HEWP cannot participate in the tendering process. Bidders who have contractor ID but have not registered on HEWP can participate in the tendering process by paying the earnest money through online payment on the portal. Bidders who have contractor Id and are registered on HEWP and also have deposited one time deposit are eligible for participation in the tender by annexing bid specific Earnest Money Declaration Form generated from HEWP.
25. The rate negotiations shall be held as per Govt. Notification/Guidelines issued from time to time.

Note:-

*It may please be noted that the overhauling of unit # 2 of RGTPP is scheduled to be carried out tentatively in **Oct-2026**. However, the schedule of overhauling of unit(s) of RGTPP may vary as per site situations. Therefore, **validity of Work Order** (to be issued to successful bidder against this e-NIT) shall remain in force till **31.12.2026**.*

**XEN/M&P,
for Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.**

DETAILED SCOPE OF WORK

FOR OVERHAULING OF RAPH'S OF 600 MW UNIT-II AT RGTPP, KHEDAR, HISAR

I. OVERHAULING OF RAPH (02) NOS.

A. INTERNAL CLEANING AND INSPECTION:

1. Opening of all manhole doors.
2. Checking access for entering inside APH safely from each manhole door and the same is to be provided if not available.
3. Cleaning of all manhole door plates for convenient entry through the doors.
4. Removal of ash accumulated at the air heater ducting portions above & below the expansion joints.
5. Removal of ash accumulated in 8 no. RAPH hoppers.
6. Checking of all internals of air pre heaters like seals, supports pipes, ducts, sector plates, axial seal plates, baskets and gratings for recording the healthiness of equipment before overhauling.
7. Ropes of all manhole doors are to be checked, if required to be replaced. Any damage in manhole is to be repair.

Note: Adequate and safe scaffolding is to be provided for internal inspection (especially for cold end side) which will be in scope contractor.

B. INSPECTION OF SUPPORT BEARING: -

1. Cleaning of support bearing area and removal of support bearing cover.
2. Draining of oil & removal of all connecting lube oil lines.
3. Cleaning of surface for level checking.
4. Inspection of bearing housing level and bearing condition. If replacement of bearing required then same is to be carried out as per unit rates.
5. Fixing back the cover by providing proper ropes/gaskets & topping up new oil.
6. Drained out old/dirty oil is to be removed from the site of work and is to be deposited in O&M store by the contractor.

C. GUIDE BEARING INSPECTION :

1. Cleaning of guide bearing area and inspection of base frame weldments and rectification if required.
2. Draining of oil & removal of all connecting lub oil lines.
3. Removal of guide bearing cover and cleaning of internals.
4. Inspection of guide bearing to ensure its healthiness.
5. If guide bearing found damaged, is to be replaced by proper locking of rotor and same is to be carried out as per unit rates.
6. Placement of guide bearing cover & topping up new oil.
7. Drained out old/dirty oil is to be removed from the site of work and is to be deposited in O&M store by the contractor.

D. CLEANING, REMOVAL & REPLACEMENT/ RE-FITTING OF HOT END AND HOT INTERMEDIATE BASKETS:

1. There are 504 nos. of hot end baskets and 504 nos. of hot intermediate baskets in both air pre heaters (i.e. 252 nos. Hot end baskets and 252 nos. of hot intermediate baskets in each air heater).
2. Opening of door & removal of baskets at the hot end.

3. Arrangement of monorail beam, travelling trolley, chain pulley blocks, electrical hoist as per site requirement and installation at the air pre heater site. Checking the hoist for smooth operation.
4. Removal of all hot end & hot intermediate baskets from position. This job is to be done sector wise and ensuring the equilibrium of air pre heater.
5. Removed baskets are to be shifted on proper platform for high pressure water jet cleaning except the hot end baskets (252 no.) of APH-2A which are to be shifted to store as scrap and new hot end baskets 252 nos are to be shifted from O&M store to RAPH site.
6. Welding of stay plates with diaphragm plates, if found damaged and repair of basket support bars as per requirement.
7. The hot end baskets of RAPH -2B and hot intermediate basket of RAPH-2A&2B are to be water washed by pressure jet water/ air jet. Each basket is to be inspected for damage. Minor repair of baskets to be carried out by welding wherever required.
8. Hot intermediate baskets of (252 nos in RAPH-2A and 252 nos in RAPH-2B) are to be re-fitted after cleaning.
Note: reversal of any basket/baskets, if required, is also to be carried out
9. Re-fitting/replacement of new hot end baskets (252 Nos) RAPH-2A. Refitting of hot end baskets (252 Nos) in RAPH-2B after jet washing/cleaning. In case, the condition of removed basket is heavily eroded the same is to be replaced with new basket provided by HPGCL. Shifting of these new baskets from O&M store to site of work are also in scope of the contractor.
10. Removal of monorail, chain pulley blocks etc.
11. Closing of basket removal doors by providing suitable sealing material.

E. CLEANING/ REMOVAL RE-FITTING OF COLD END BASKETS:

1. There are 216 nos. of cold end baskets per air pre heater and each air pre heater has 36 sectors. So the total cold end baskets in both air pre heaters are 432 nos.
2. Opening of basket removal doors at the cold end of individual sectors. Removal of all 432 nos. Cold end baskets. This job is to be done sector wise ensuring the equilibrium of air pre heater.
3. All 432 nos. Cold end baskets are to be cleaned by high pressure water jet washing.
4. Repairing of cold end diaphragm plate and cold end basket doors as per requirement.
5. Re-fitting of all 432 nos. above cleaned out baskets. This job is to be done sector wise ensuring the equilibrium of air pre heater.
6. Complete replacement / repair of cold end basket grating support. In case of replacement, grating will be provided by HPGCL. For repair purpose M.S. Plate will be provided by HPGCL.
7. Closing of basket removal doors by providing suitable sealing material and welding studs or by welding so that no opening is left after closing the door.

Note:- High pressure jet cleaning m/c is to be arranged by the contractor.

F. AIR SEAL HOUSING SERVICING:

1. Ash cleaning of air seal housing area.
2. Removal of insulation and refractory near air seal housing area.
3. Opening of air seal housing, removal of packing ropes and kao-wool.
4. Packing of air seal housing with new packing ropes and kao-wool and fixing back of cover.
5. Casting of refractory at the air seal housing area as per requirement.
6. Fabrication / repair / cleaning of seal boxes inside the air heaters below guide bearings, static seals and also at cold end air seal housing.

G. LUB OIL SYSTEM SERVICING (BOTH GUIDE AND SUPPORT BEARING):

1. Draining of oil from cooler, filters and piping.
2. Cleaning of coolers & filters. Hydraulic testing of coolers and attending defects or replacement as per requirement.
3. Checking freeness of oil and water line valves and servicing / providing new valves as per requirement.
4. Checking pump, coupling & alignment and replacement/ rectification if required. Replacement of mechanical seal of pumps, if required is also in the scope of contractor.
5. Lube oil lines and water lines up to root valves connecting with cooling water header are also to be cleaned by air jet.
6. Cutting / welding may be required for above cleaning. If required lines / pumps are to be replaced.
7. Repair / replacement / modification of cooling water lines / oil lines if required. Total 50 mtr of lines with dia up to 75 NB are required to be laid for re-routing of cooling circuit etc. Any variation in quantity will be accounted for as per unit rates.
8. Cleaning of lub oil pumps, their checking and necessary servicing as per requirement.
9. Replacement of oil in guide and support bearings, trial of lub oil system, adjustment of pressure and attending leakage's if any.
10. Monitoring oil level during trial run of lop's.

H. INSPECTION / SERVICING OF DRIVE GEARBOX, PINION, PIN RACK AND AIR MOTORS:

a) Inspection / servicing of drive gear box, pinion and pin rack:

1. Opening of pinion cover and inspection of pins and pinion condition.
2. Gearbox oil draining, flushing and filling with new oil. **if any leakage observed that has to be arrested by replacing the oil seals, gaskets and O- rings.**
3. Pinion / taper lock bush are to be removed & their condition is to be checked.
4. Checking and adjustment of pinion root gap (after rotor levelling) as per standard.
5. Putting back pinion cover by providing proper packing rope so that there is no leakage in running condition.
6. Drained out old/dirty oil is to be removed from the site of work and is to be deposited in O&M store by the contractor.

b) Checking and servicing of air motors and overrun clutch of all drives:

1. Servicing of air motors.
2. Removal of water clogging in the airline. Servicing of manual valves as per requirement.
3. Fixing back the air motors, restoring airline connections, (if removed) coupling back and trial run of the air motor, checking for any defects and attending the same.
4. Checking of overrun clutch and its replacement limited to one no. If required.

I. STATIC SEAL AND ROTOR POST SEAL WORKS OF APH (AT BOTH HOT AND COLD ENDS):

1. Removal / pocket cutting of static seal plates (inboard & outboard) for internal inspection. If sector plate is found filled with ash same is to be removed. Any minor repair work required is also included in the scope.
2. Replacement/re-packing of kao-wool and refitting / replacement of seal plates at both hot and cold ends.

3. Inspection and repair of static spool by patch welding or replacement as per requirement at both hot and cold ends.
4. Repair / replacement of rotor post seal at both hot and cold ends.
5. Any minor modification / rectification required for betterment to be carried out.

J. BYPASS SEAL ANGLE REPAIR WORKS:

1. Repairing of bypass seal support angles at hot end & cold end as per requirement.
2. Replacement of 10 nos. (as per requirement) By-pass seal fixing angles if required is included in the scope. Any variation in quantity will be accounted for as per unit rates.

K. ROTOR REPAIR WORK:

1. Repair of eroded rotor drum portion by patch welding.
2. Repair of diaphragm plates by metal build-up and grinding or by cutting and patch welding as per requirement.
3. Inspection and welding of stay plates with diaphragm plates. At damaged portions stay plates are to be cut and patch welded if found eroded.
4. Welding of diaphragms with shell as per requirement.

L. REPAIR OF HOT END CENTRE SECTION AND COLD & HOT END SECTOR PLATES AND AXIAL SEAL PLATES:

1. Removal of insulation and refractory at centre section.
2. Cleaning of centre section and inspection of weldments.
3. Re-welding of weldments, existing plates in position or new plates as per requirement.
4. Checking for any leakages during fan trials and attending defects if any.
5. Refractory works of centre section.
6. Minor repair of sector plates in case worn out area is observed. Making access to worn out area of the sector plates at both cold and hot ends by cutting casing/shell and removing baskets and making scaffolding as per requirement.
7. Refitting & welding of parts cut to make access and removal of scaffoldings.

M. ROTOR LEVELLING:

1. Fixing of master level on diaphragm plate.
2. Rotating the rotor and noting the master level readings.
3. Adjustment of rotor to bring the level within limits.

N. RADIAL SECTOR PLATE REPAIRING & LEVELLING:

1. Checking of radial sector plates & its insitu repair up to maximum possible extent.
2. Checking & adjusting the T bar run out.
3. Marking of high point of T-bar.
4. Providing seal tab and measuring the gap at in-board and out board of radial seal plates.
5. Adjustment of sector plates to maintain gap within limits and locking the same

O. AXIAL SEAL PLATE ADJUSTMENT:

1. Marking of high point of T-bar.
2. Providing seal tab and measuring the gap at top and bottom of the axial seal plates.
3. Adjustment of axial seal plates to maintain gap within limits and locking the same.

P. RADIAL SEAL SETTING (BOTH HOT AND COLD ENDS):

1. Removal of radial and diaphragm seals.
2. Replacement with new/old seals and bolts as per requirement.
3. Fixing of straight edges for both hot end and cold end and setting of seals to maintain specified gaps.
4. Fixing of radial seal tabs.
5. Removal of straight edge.

Q. AXIAL SEAL SETTING:

1. Removal of axial seals.
2. Replacement with new/old seals and bolts as per requirement.
3. Fixing of straight edge and setting of seals to maintain specified gaps.
4. Fixing of axial seal tabs and removal of straight edge.

R. BY-PASS SEAL SETTING (BOTH HOT AND COLD ENDS):

1. Checking of t bar run out and adjustment if required. Removal of damaged / worn out bypass seals.
2. Replacement by new /old seals and bolts.
3. Seal gap adjustment with rESpect to rotor.

S. REPAIR OF APH DUCT AND DUCT SUPPORT:

1. Repair/ replacement of support pipes/ beams/ angles inside of both RAPH'S up to expansion joints (at APH inlet & APH outlet of both APH) and providing shielding over support pipes.

T. SERVICING OF APH SOOT BLOWING SYSTEM:

1. Dismantling of motor, gearboxes and servicing of same.
2. Replacement of oil & grease in gearboxes and alignment with motor.
3. Cleaning of ash from cleaning device lance.
4. Repairing/ replacement of steam/air lance as per site requirement.
5. Making lance traverse free.
6. Repair/ replacement of soot blower chains as per requirement.
7. Inspection of nozzle and replacement / repair of nozzle.
8. If required lance tube assy. Shielding to be done
9. Trial run to be taken & all defects to be attended as per requirement.
10. Any other minor work required to be carried out on direction of RGTPP representative or OEM service engineer is also in scope of work.

U. REPAIR/CLEANING OF APH WASHING AND FIRE FIGHTING SYSTEM:

1. Cleaning of APH washing and fire fighting pipe and nozzles.
2. Repair of fire fighting lines by patch welding and replacement of damaged nozzles as per site requirement up to first valve from RAPH. Repair of supports of the same and also providing shield as per site requirement.
3. Repair of 8 no. RAPH hoppers by patch work after removal of ash/slurry

V. SCRAP REMOVAL AND STORAGE OF UNUSED PARTS:

1. Removal of all the scrap from inside and outside the air heater and water washing of air pre heaters.
2. Removal of scrap from hopper (air pre heater hopper) below air pre heater and washing afterwards.
3. Stacking unused spares of air pre heaters at the site stores as per direction of engr. In charge after overhauling of unit.

W. BOX-UP OF AIR HEATERS, CLEARANCE & TRIAL RUN OF AIR PRE HEATER:

1. Removal of all men and material from air pre heaters
2. Closing of all doors

3. Removal of all men and material from APH drive and bearing area before giving final clearance.
4. Checking of air leakages at guide bearing, support bearing and air heater areas while running of FD & PA fans and attending the same.
5. Arresting of flue gas and air leakages of both the APHs by patch welding and other suitable arrangement.
6. Application of castable refractory in centre section
7. Checking for any abnormalities like abnormal sound/vibration of RAPH and its drive and attending the same after the trial run
8. Any other job required to complete the successful commissioning of RAPH's is also included in the scope of work.
9. Painting of main drive gear box, pinion cover, and guide bearing housing, lube oil system and railing along the RAPH. Total area to be painted is tentatively 10 sqm.

X. Complete cleaning of SCAPH with water/ air pressure and thorough inspection after hydraulic test at desired pressure. All arrangement of hydraulic test of SCAPH is in the scope of contractor.

Y. Cleaning seal air blowers of primary hot air dampers & secondary hot air dampers which includes attending seal air duct leakage. It must be ensured that during running no air comes out of these seal air blowers. All leakages of air are to be plugged by welding etc. This includes 08 nos. Seal air blower.

**XEN/BMD-II,
for Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.**

Part-B (Variable Scope of work)

Unit rate wise items

SCOPE OF WORK FOR PART-B FOR THE PURPOSE OF VARIATION IN THE QUANTITY OF WORK FOR OVERHAULING OF RAPHs OF 600 MW BOILER UNIT-II AT RGTPP KHEDAR HISAR.			
Sr. No.	Description	Unit	Tentative Qty.
1	Replacement/Re-fitting/ reversal of RAH Hot end baskets after jet washing	No.	5
2	Replacement/Re-fitting/ reversal of RAH Intermediate Hot end baskets after jet washing	No.	5
3	Replacement/Re-fitting/ reversal of RAH cold end baskets after jet washing	No.	5
4	Repairing of Hot End/ Intermediate End/Cold End Basket	No.	50
5	Replacement of bypass seal fixing angle	Set	2
6	Replacement of support bearing of RAH (scope of work will be as per Annexure-I)	No.	1
7	Replacement of guide bearing of RAH (scope of work will be as per Annexure-II)	No.	1
8	Replacement of overrun clutch assembly of gear box of RAH	No.	1
9	Man hour rate (including T&P, gas, consumables etc.) : Skilled labour/ welder	Hrs.	50
10	Man hour rate (including T&P, gas, consumables etc.) : Semi-Skilled labour	Hrs.	50
11	Man hour rate (including T&P, gas, consumables etc.) : Un skilled labour	Hrs.	50

SCOPE OF WORK FOR REPLACEMENT OF SUPPORT BEARING OF APH

Replacement of support bearing of APH which includes:

1. Opening/ closing of top cover of bearing housing.
2. Making arrangement of holding the top cover above bearing housing as same cannot be removed.
3. Making arrangement of shifting of bearing housing from its position to open space so that damaged bearing can be removed & new bearing can be placed in the housing. This work includes laying of rail with I-section about 7-8 m long.
4. Cutting of structure beams wherever required for removal of bearing housing and repairing of same after completion of same.
5. Making platform in cold end side of APH in secondary pass & flue gas pass.
6. Opening of bolts of bearing housing provided below the housing after making proper platform.
7. Making of space for providing jacks below the rotor by removing plates of rotor post, and revolving of rotor by chain pulley blocks, if required.
8. Providing jacks below rotor & lifting of the same and locking of rotor for removal of bearing housing.
9. Removal of bearing housing from its place through rail & chain blocks.
10. Removal of adopter & damaged bearing, with heating of housing if required.
11. Placement of new bearing in the bearing housing, after cooling with ice if required.
12. Fitment of adopter in the inner race of bearing.
13. Repositioning of bearing housing by again shifting through rail & chain blocks.
14. Tightening of bolts of bearing housing after proper leveling of the same.
15. Cutting of supports of rotor and then placing of same on the support bearing with the help of jacks.
16. Alignment of rotor and levelling of same if required.
17. Filling of bearing housing with lubricant oil.
18. Cleaning of all lubricant oil lines after dismantlement & then assembly.
19. Removal of all material from site i.e. scaffolding material, I-beams of rail etc.

NOTES:

1. Scaffolding material is in the scope of contractor
2. Transportation of the bearing, channels, I-beams, jacks, scrap etc. From store to site & vice versa is in the scope of contractor.

SCOPE OF WORK FOR REPLACEMENT OF GUIDE BEARING OF APH:

1. Proper & thorough cleaning of guide bearing from top side as well as bottom side.
2. Cutting and removal of canopy/shed from the top side of the guide bearing of APH.
3. Dismantling and removal of oil circulating pipes & fittings from the brg. Housing top cover of the guide bearing.
4. Dismantling and removal of top cover from the brg. housing of the guide bearing.
5. Draining out and removal of oil from the brg. housing.
6. Opening manhole doors of the APH.
7. Locking of APH rotor by welding channel of approx. 150 mm size at 4 nos. Locations in FD, PA and FG path with casing of APH.
8. Locking of brg. Housing by welding channel of approx. 100 mm size from the periphery at 6 nos. Locations with outer frame.
9. Fitting and welding of temporary beam for making arrangement of chain pulley block to take out the adopter sleeve.
10. Dismantling and removal of retainer plate from the brg. Housing of the guide bearing.
11. Opening of bolts and removal of keeper plates from the trunion of guide bearing.
12. Cutting of 50 mm plate of appropriate size for fabricating jacking puller out and welding the same on the top surface of the adapter sleeve.
13. Pressing out the adapter sleeve from the trunion using hydraulic pump at about 700 kg/cm²
14. Pulling out the adopter sleeve & bearing assembly from the bearing housing by means of jacking puller, chain pulley block and by heating the housing from outside of bottom of housing.
15. Unlocking of locking nut from the adapter sleeve.
16. Removal of adapter sleeve from the bearing.
17. Thorough cleaning of adapter sleeve, lock nut and bearing with diesel oil and cotton clothes.
18. Inspection and checking for any damage in the adapter sleeve lock nut and bearing.
19. Checking and measurement of existing guide bearing clearance.
20. DP test of bearing on all the surfaces of outer and inner race.
21. Repair of adapter sleeve and lock nut if found damage.
22. Assembling the bearing and the adapter sleeve using chain pulley block. Tightening of lock nut properly with new bearing or old bearing in case old bearing found healthy.
23. locking of lock nut with the sleeve using lock washer.
24. Remove of slug and mud oil from the bearing housing and thorough cleaning with diesel oil & cotton cloth.
25. Inspection and checking for any damage in the bearing housing, oil seal tube and trunion of the APH guide bearing system.
26. Repairing the broken/damaged oil seal tube by carrying out welding all around on the periphery of tube at the bottom side.
27. DP test of the weld joint carried out on the oil seal tube.
28. Filling diesel oil in the bearing housing for checking any leakage from the weld joint or any other area of the housing.

29. Draining out the diesel oil from the brg. Housing after carrying out leak detects test and carrying out thorough cleaning of bearing housing.
30. Removal locking of bearing housing from all the 6 nos. Locations at the periphery from outer frame.
31. Putting the bearing and the adapter sleeve assy. In the bearing housing making proper centre and alignment of bearing outer race with housing and inner of sleeve with the trunion respectively.
32. Inserting and fitting the bearing and the adapter sleeve assy. properly on the bearing seat using wooden logs.
33. Providing keeper plate on the trunion and tightening of keeper plate bolts at the required torque using torque wrench.
34. Providing bearing retainer plate and its proper fitting on the bearing housing.
35. Making arrangement for pulling of bearing housing for rotor level setting by welding 08 nos. Jacking bolts and plates on front, rear, left and right side of bearing housing.
36. Putting oil in the bearing housing up to the required level.
37. Providing and fitting bearing housing cover on the housing,
38. Carrying out trial run of APH by running with air motor.
39. Carrying out rotor level setting using master level gauge with the help of jacking bolts.
40. Checking seal setting and sector plate setting and making minor adjustment wherever required.
41. Closing manhole doors after providing new gland ropes.
42. Flushing of oil lines and fitting on the bearing housing.
43. Cleaning of both the oil filters.
44. Closing inspection window after providing new gland rope.
45. Trial run of APH on main motor for 24 hours.

GENERAL TERMS AND CONDITIONS OF CONTRACT

1) CONTRACT AGREEMENT:-

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

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 taxes/levies, if to be charged extra, should be clearly indicated by the 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: -

3.1. Every tenderer, while submitting his tender, shall online deposit an amount of **Rs. 59,900/-** as the earnest money.

3.2. The earnest money furnished by the successful tenderer 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 bidders 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).

3.3. **Contractor shall mandatorily deposit security amount equivalent to 05% of contract value upfront prior to commencement of work order. This amount shall not be adjusted from the firm's invoice.** The deduction of the security deposit shall be regulated according to the nature of the contract, which may be as per followings.

For Overhauling contracts	EMD Deposited by the successful bidder shall be kept as Security deposit beside the retention money held from the running bills for stage payment.
---------------------------	--

3.4. The security deposit of the contractor shall be retained by HPGCL for faithful execution of the contract.

3.5. Security deposit shall be released only after completion of the entire period of the contract and after 30 days of Guarantee / Warrantee period, on the certificate of Engineer-In-charge / EIC for successful completion of Guarantee / Warrantee period and submission of requisite documents like last EPF / ESI return by the contractor.

3.6. No interest shall be paid on EMD / Security Deposit for the period it remains deposited with HPGCL.

3.7. 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 contractor 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 contractor fails or neglects to observe or perform any of his obligations under the contract, it shall be lawful for the HPGCL to forfeit either in whole or in part, in its absolute discretion, the EMD/security deposit furnished by the contractor.
- 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 payments or over payments made to the contractor under this contract or any other contract as well as to take such administrative action against the contractor as blacklisting etc.

4) PAYMENT TERMS: -

- **50% payment of contract value** will be paid as stage payment against appropriate bill of contractor and on certification by Engineer-in-charge that 60% work stands completed.
- **Next 30% of contract value** against appropriate bill of the contractor and on the certification by Engineer-in-charge that 100% work stand completed.

- **Next 10% of contract value** against appropriate bill of the contractor on submission of jointly accepted protocols.
- **Balance 10% of contract value** after completion of warrantee period against appropriate bill of the contractor. However, the amount could be released after 30 days of completion of work in all respect on submission of performance bank guarantee of equivalent amount valid for warrantee period.

5) **MODE OF PAYMENT: -**

The Payment shall be made through RTGS in favour of contracting firm by the Sr. Accounts Officer, RGTPP, HPGCL, Khedar, Hisar. No Bank charges etc. of any kind shall be paid by HPGCL.

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 work shall be carried and completed to match with other activities in progress of the unit.

The Work shall be completed within **55 days (Bar to Bar)** from the date of issue of LOI / Work Order unless otherwise directed through written communication.

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 work not done. In case of increase of quantum of work, the completion period of work will not change and contractor will have to complete the job within the stipulated period unless the completion period is extended in writing.

7) **RISK AND COST: -**

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

8) **PENALTY: -**

Time is the essence of the contract. The contractor 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 will be imposed @ 1% of the contract value per week or part thereof subject to maximum of 10% of the contract value.

Note:- (i) Contract value means basic value of the contract exclusive of taxes and duties, if charged separately.

9) **DOCUMENTATION: -**

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

- Contractor shall submit bill for the work done, in duplicate to the executive in-charge along with the followings: -
 - The bill should be on the contractor's bill book duly serially numbered and bearing date of issue, contractors EPF code, ESI code (whenever applicable), GST number, PAN etc. A photo copy of the EPF code, ESI code (whenever applicable), GST number, Labour licence, PAN etc. shall be attached with the 1st running bill for reference and record.
 - Self attested copy of the deposit challan of EPF & ESI (whenever applicable) contribution, labour welfare fund deposited by the contractor for the labour engaged for the work duly validated with dossier of workers and their account number in the appropriate prescribed Performa.
 - Self attested copy of the attendance sheet, wages register and evidence of wage payment through bank.
- The bill of contractor along with annexure submitted by contractor as mentioned above should be approved and verified by the officer-in-charge for gross value as well as net payable value and accompanied with the certificates/documents as mentioned at iii and iv below.
- Certificate from the Engineer In Charge that, **a)** Work has actually been done as per the contract and to the entire satisfaction of EIC. **b)** The copy of the EPF challan, ESI challan etc. submitted by the contractor pertain 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 SMB at page no. _____ on dated _____. **d)** No penalty is leviable on the contractor on any account as per the contract, if

leviable; the amount of penalty is _____. e) Copy of protocol and certificate for stage payment, if required.

- iv) Certificate from Labour Welfare Officer / Factory Manager stating that contractor has complied with all labour laws and safety clearance certificate from Safety Officer. In case of non-availability of Labour Welfare Officer / Safety Officer, from EIC.

Note: Documents attached along with the contractor bill should be referred in the forwarding letter of the executive office forwarded the bill for pass and payment.

- 10) **PERFORMANCE BANK GUARANTEE** – Contractor shall mandatorily submit a bank guarantee of the nationalized bank equivalent to **05% of contract value** in the prescribed performa valid upto one month after completion of warrantee period. This bank guarantee shall be submitted to RGTPP prior to commencement of work order.
- 11) **WARRANTY** :
- i) The contractor shall provide warranty for the workmanship of the work done for a period **90 days** from completion of work/date of commissioning of equipment(s) after overhauling whichever is earlier.
- ii) During this period if some equipment(s), which has been attended by the contractor, is found to be defective, the same will have to be attended again without any additional charges to HPGCL. In such cases, warranty period shall start from the date of such repair/rectification. In case the contractor fails to respond within a reasonable time, the job will be got done from any other agency at the risk and cost of the contractor.
- 12) **FORCE MAJEURE: -**
The delay in completion of work may be treated as force majeure to the contractor only if: -
- a) "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-outs, freight embargoes, war risk riots and civil commotion" and
- b) The contractor's request for extension of the delivery period along with all necessary evidence comes, before the expiry of the scheduled 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 vehicles and other material will be the responsibility of the contractor.
- 16) **FACILITIES TO BE ARRANGED BY CONTRACTOR: -**
The contractor shall make his own arrangement for providing all facilities like lodging, boarding and transportation etc. for his supervisors/staff engaged by him for the job.
- 17) **STATUTORY DEDUCTIONS:-** Statutory deduction on account of Income Tax including surcharge shall be made at source from the bills of the contractor at the prevailing rates.
- 18) **FACTORY ACT/MINIMUM WAGES ACT/INSURANCE ACT/ EPF ACT etc.:-** -
Strict adherence of various applicable laws likes the Factories Act, Minimum Wages Act, ESI Act, Payment of Wages Act, the workmen's Compensation Act, EPF Act, Contractor 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 Contractor and he shall have to make good loss, if any, suffered by HPGCL on account of default in this regard by the contractor. EPF/ESI contributions will be deposited by the contractor in his own EPF/ESI code no. in the respective account of the workers. The contractor will submit the copy of EPF/ESI challan along with ECR to the Factory Manager with the corresponding list of workers. The contractor shall make the payment of wages to its labour in their saving account only. Documentary evidence thereof shall be submitted along with the running bills.
- 19) **INSURANCE OF WORKERS: -**
The contractor will be solely responsible for any liability for his workers in respect of any accident, injury arising out and in course of contractor's employment. To meet his aforesaid obligation under the workman compensation Act, The contractor may obtain W.C policy from the Insurance Company for the persons employed by him for carrying out the work. The premium payable for aforesaid insurance policy shall be borne by the contractor. The contractor shall ensure that the said insurance policy of this insurance cover is required to be submitted by the contractor to Engineer-In-charge of work immediately after issue of L.O.I, 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 may impose penalty of **Rs. 200/- per day per head** if the workers of the contractor are found to be working carelessly without proper protective equipments 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 accidents 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 contractor 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 contractor.

A safety clearance certificate from the Safety Officer/RGTPP shall be obtained by the contractor and has to be attached along with the bill.

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

21) ARBITRATION:-

All the 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 or both the contractor and the corporation under this 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 Arbitrator of Managing Director/ 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 the 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 supplier under the contract (including security-deposit returnable to the supplier) 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 into by the contractor 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.

Note: -

1. Unless agreed otherwise the above terms & conditions of the contract will form the part of the work order after finalizing the award of work proposal. The word tenderer wherever used above shall be read as contractor / firm.
2. The term "Bid" and "tender" and their derivatives ("bidders/Tenderers" "Bidding / Tendering") are synonymous. Singular also means plural.

**XEN/M&P,
for Chief Engineer/RGTPP,
HPGCL, Hisar.**

Annexure-E

SPECIAL / OTHER TERMS & CONDITIONS

- 1) **Validity of Contract: Validity of work order / contract shall be till 31.12.2026.**
- 2) The contractor has to arrange all the T&P (whether heavy or light) required for smooth execution of the complete job including welding sets, gas cutting sets, winch machines, chain-pulley blocks, scaffolding material, winding ropes, steel ropes & wires, wooden planks, stairs, temporary lighting, hydraulic testing pumps, spanners, hydraulic jacks as per site requirement, portable grinding machine, hoisting arrangement etc.
- 3) All consumables like welding electrodes, cutting gasses, Argon gas, waste cotton, emery paper, holdite, kerosene oil, diesel, rustoline, petrol, hexa-blades, grinding wheel & all small items required for handling & maintenance jobs, cleaning agents, Oxygen, DA Gas cylinder etc. shall be arranged by the contractor at his own cost. Welding electrodes will be of following make and will be got approved from Engineer-in-charge: (i) L&T (ii) D&H (iii) Advani (iv) ESAB.
- 4) All the spare parts & consumables like gaskets, grease, oil for final filling, nuts, paint & jointing materials, seals, 'O' rings etc which are the part of the equipments shall be provided by HPGCL free of cost.
- 5) Contractor will make his own arrangement for chain pulley block at his own risk and cost without affecting the schedule of overhauling.
- 6) EOT Crane, wherever provided/available at site shall be provided by HPGCL free of cost. If during the use, any damage occurs on account of mishandling on their part, the same shall be got repaired by the contractor. Otherwise, the contractor will make his own arrangement for the same at his own risk and cost without affecting the schedule of overhauling. However, if EOT hoist is not available due to any reason, the contractor shall make his own arrangement for timely completion of the work.
- 7) Water washing is to be carried out as per scope of work. The temporary pipes etc. if required from nearest point of source of water will be in the scope of contractor.
- 8) All men and material for erection and dismantlement of scaffolding including scaffolding material, to and fro transportation of scaffolding material etc. shall be in the scope of the contractor.
- 9) HPGCL reserves the right to cancel the work order at any time without assigning any reasons and will not be responsible and will not pay for any expenses or losses that may be incurred by the contractor towards preparation/mobilization for execution of the job against work order.
- 10) The scope of work Annexure is only tentative and as per the prevailing conditions of the equipment. The actual quantum of work will be known after opening of the equipment at the time of execution of work.
- 11) The activities mentioned in the scope of work in Annexures are details of possible works connected with the overhauling of equipments. However, it is not possible to list out all the minor activities in detail. So, all such minor/any other left out activities essential for overhauling & commissioning of the equipments shall be deemed to be included in the scope of work.
- 12) As the manpower will be handling costly & sophisticated equipments of the Power Plant, therefore, the contractor will ensure that only skilled personnel, who have already handled such equipments during overhauling, should be deployed.

- 13) This office reserves the right to claim adequate compensation from the contractor on account of any damage caused to the plant & equipment handed over to him for execution of the work, due to careless handling or negligence on the part of the contractor.
- 14) The recovery in respect of any spares which get damaged due to negligence on the part of the contractor will be done at the rates as mentioned in the price catalogue of RGTPP's OEM or any other PO/Source, plus 10% supervision charges.
- 15) During the course of this work, the contractor shall keep a competent authorized representative and his assistants so that the progress of the work is not hampered. The representative shall represent the contractor in his absence and all directions given to him shall be binding as if given to the contractor. In no case, the authorized representative can refuse to receive the instructions.

16) **ADVANCE PLANNING: -**

I. Immediately after receipt of work order but not later than **07 days**, the contractor will submit the Bar Charts/Pert Charts/Schedule i.e. Planning for completion of work within the stipulated period, to concerned Mtc. Division i.e. **BMD-II** & same will also be submitted to **SE/O&M-II, SE/MP&GS and XEN/Mtc.&PIg.** for appraisal of CE/RGTPP. This will be prepared in consultation with the concerned Mtc. Division in charge of the work i.e. **XEN/BMD-II**.

II. Before commencement of work, contractor will give the details of all qualified & experienced manpower to the concerned XEN (i.e. XEN/BMD-II) so as to ensure completion of the total job safely and well within the stipulated completion period. However XEN/BMD-II, RGTPP can refuse to deploy any staff/manpower of contractor at commencement of work or any time during execution of work, who are not found suitable/fit as per job requirement

17) **GST:** GST, if charged, separately shall be said as per actual within delivery period on production of following certificates:

- a) Certified that transaction on which tax has been claimed will be included in the return to be submitted to the GST authorities for the assessment of GST and the amount claimed from HPGCL shall be paid to the GST authorities.
- b) Certified that the goods on which GST has been charged have not been exempted from GST under Haryana / Central GST Act or rules made there under. The charge on account of the GST on these goods is correct under the provisions of the relevant act or rules made there under.
- c) Certified that we shall indemnify to HPGCL in case it is found at a later stage that incorrect payment has been recovered on account of GST by us.
- d) Certified that we are registered as dealer and our Haryana / Central GST No. is _____

*HPGCL GST No. is: 06AABCH4536J1ZM

Note: - Any increase in taxes and duties after the delivery period shall be on the supplier's account and shall not be borne by HPGCL.

The firm has to submit the duly filled performa (as per Annexure-1 to 5) for compliance of SOPs of GST and TDS.

**XEN/M&P,
For Chief Engineer/RGTPP,
HPGCL, Khedar, Hisar.**

Supervision / Quality Control of Work

1. 100% checking/supervision of the work will be done by the concerned Mtc. Division i.e. office of **XEN /BMD-II**, RGTPP.
2. The contractor will submit the advance programme/list of jobs/activities proposed to be done to the concerned Mtc. Division. This programme shall be chalked out by the contractor/firm in consultation with the concerned Mtc. Division.
3. The contractor shall also submit the details and report of the work done on a regular basis to the concerned Mtc. Division.
4. After completion of the job/work and successful commissioning of the equipments to place on record that the work has been done by the contractor as per scope of work of the work order, Protocols will be prepared by the contractor in consultation with concerned Mtc. Division (executing agency i.e. **BMD-II**) and got signed from : -
 - a) JE, AE/AEE & XEN of the concerned Mtc. Division i.e. **XEN /BMD-II**, RGTPP.
5. On these Protocols, a certificate will be recorded by the contractor that all the observations pointed out during supervision by HPGCL were attended.

XEN/M&P, RGTPP,
HPGCL, Khedar, Hisar.

STATEMENTS OF BIDDERS

1. Name of Bidder
2. Address of Head Office
3. Correspondence Address

Phone No.

Email ID :

4. Legal status
5. PAN & TIN Number of the Bidder (attached self attested photocopies)

PAN TIN

CST 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.

i.

9. Past Experience:-

Name of Organization	Period	Reference of Contract	Order Value contract wise

10. Any other: -

Signature & Stamp of Bidder

Page 26 | 30

Annexure-H

UNDERTAKING OF STAFF ENGAGED

IS/O Sh.....R/O.....working with
M/s.....hereby give undertaking that I will not claim any service in
HPGCL in lieu of service render to the Firm M/sagainst work
order No..... dated.....

Signature & Stamp of Contractor

Signature of worker

Annexure-I

Undertaking regarding acceptance of all terms & conditions of e-NIT

(on firm's letter head)

I / We, hereby on behalf of M/s (firm's name), certify that all
the terms & conditions of e-NIT are accepted to us and no deviations have been submitted
by us against e-NIT no. Dated (NIT no. and dated)

Signature & Stamp of Bidder

Annexure-J

Undertaking regarding non blacklisting of firm

(on firm's letter head)

I / We, hereby on behalf of M/s (firm's name), certify that
our firm is eligible to participate in the NIT and all the supporting documents (as per
PQR) have been submitted. I / we further certify that our firm M/s
..... (firm's name), has not been blacklisted by any organization
presently including any Public Sector undertakings of Central Govt. / State Govt. / SEBs /
Corporations / any other reputed Thermal / Hydel Plant etc. However in case at a later
stage, this certification found wrong then it will lead to misrepresentation of the facts and
our firm shall be treated as blacklisted on this ground and action shall be taken by
HPGCL as per regulations of the corporation.

Signature & Stamp of Bidder

Annexure-K

Undertaking regarding compliance of Labour Laws

(on firm's letter head)

I / We, hereby on behalf of M/s (firm's name), certify that
our firm is following labour laws and will follow the same strictly if the contract against this
e-NIT is awarded to us.

Signature & Stamp of Bidder

Check List

Sr. No.	Documents	Bidder Response (Yes or No)
1	The Bidder must have contractor ID on HEWP Portal (Haryana Engineering Works Portal) for participation in the tendering process failing which the firm's tender will be straight away rejected.	
2	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 of the work / purchase. OR The bidder must have experience of successfully executed Work Order(s) in HPGCL/NTPC/any SEBs/any PSUs/any Corporations/Central Govt./State Govt./Semi Govt. or in any Thermal (minimum capacity of Thermal Power Station/unit shall be 110 MW or above) / Hydel Plant and have average annual turnover and other eligibility conditions as given below: Experience of Execution of Work Order: Bidders must have successfully executed the work order(s) for the same or similar work(s) during last 7 years ending last day of the month previous to the month in which applications are invited having minimum order value as under :- Single Order of the value not less than Rs. 23,94,896/- OR Two Orders of the value not less than Rs. 14,96,810/- each. OR Three Orders of the value not less than Rs. 11,97,448/- each.	
3	Turnover: Bidders must have an average annual turnover in the last three consecutive financial years ended prior to the financial year in which applications are invited shall not be less than Rs. 59.87 Lacs. The firm has to submit the Profit & Loss statement (for FY 2023-24, FY 2024-25 and FY 2025-26) containing Annual Turnover of the firm. Financial Reports shall be duly audited and certified by CA with UDIN No.	
4	The contractor is registered under Contract Labour (Regulation & Abolition) Act, 1970 and possesses a valid labour license for deploying the workers on the work or will obtain the same within 15 days of issuance of work order. The contractor shall provide LIN No./Shop No. for registration.	
5	The contractor should have GST No., EPF Account No. & PAN No. (copy submitted)	
6	The bidder should have a valid ESI no. or shall submit an undertaking to provide the same within one month of issue of work order. (copy submitted)	
7	Submission of signed copy of tender document as an acceptance to all the terms & conditions of the e-NIT. All terms & conditions of e-NIT are accepted. Further, firm shall submit undertaking regarding acceptance of all the terms & conditions of e-NIT as per Annexure-I	
8	The firm should submit a certificate to the effect that the tenderer is not presently blacklisted from any Public Sector undertakings of Central Govt. / State Govt. / SEBs / Corporations / any other reputed Thermal / Hydel Plant etc. Annexure-J	
9	Undertaking regarding following labour laws as per Annexure-K	
10	Firm shall submit the duly filled undertakings as per Annexure-1 to Annexure-5 regarding compliance of GST and TDS.	

Stamp and Signature of Authorized signatory

Annexure-1

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 2024-25 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:

Annexure-2

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

1.1.1. GST registration of GST no..... in name of m/s.....is valid as on date.....

1.1.2. 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:

Annexure-3

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

1.2. I undertake to submit a CA certificate regarding validity of GST registration on every six months during the tenure of contract.

1.3. 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.

1.4. 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

- a) *Certified that we are registered as taxable person under GST Act, our GST no. is ----- and which is active as on-----.*
- b) *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.*
- c) *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.*
- d) *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.*
- e) *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:

Annexure-5

Performa for declaration under Section 206AB/Section 206CCA

DECLARATION

I, _____, _____ (Designation) of _____
(Name of the Corporation/Company/Board/Trust), having PAN _____ (here in after referred as the Corporation/Company/Board/Trust), hereby declare and affirm a under:

- 1. That the Corporation/Company/Board/Trust is a regular income tax assessee.
- 2. That the Corporation/Company/Board/Trust has been filing its return of income tax regularly.
- 3. That the Corporation/Company/Board/Trust has filed returns of income tax for the financial years 2024-25 and 2025-26 under the provisions of section 139(1) of the Income Tax Act, 1961 as per details given below:

Assessment Year	Acknowledgement Number	Date of filing

- 4. That the new provisions of Section 206AB/Section 206CCA which require deduction/collection of tax at source at higher rates are not applicable to our Corporation/Company/Board/Trust and hence tax may not be deducted / collected at source at higher rates.

(Deponent)

That whatever stated above in the above stated para (s) are true to my knowledge and belief.

(Deponent)