

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



(An ISO 9001, 14001 & OHSAS 18001 Certified Company)

TENDER DOCUMENT

FOR

Annual Running Contract for “Operation & Maintenance of Automated PLC controlled comprehensive Hydro-Pneumatic (Wet & Dry) vacuum based Ash Handling System including Ash silos & Ash water recovery system of 2x600 MW Units, RGTPP, Khedar, Hisar”.

e-NIT No. 03 /RGTPP/AHP- 17/2026-27
Dated: 06.10.2026

XEN/AHP
FOR CHIEF ENGINEER/RGTPP,
RAJIV GANDHI THERMAL POWER PLANT,
HPGCL, KHEDAR, HISAR.



HARYANA POWER GENERATION CORPORATION LIMITED

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

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.gov.in

Telephone No. 01693-250133

INDEX

Sr.No.	Description	Annexure	Page No.
1	Instruction to Bidders	Annexure-I	6 - 8
2	Scope of work	Annexure-II	9- 11
3	Technical Terms & Conditions	Annexure-III	12 -13
4	General Terms & Conditions	Annexure-IV	14 - 18
5	Special Terms & Conditions	Annexure-V	19-23
6	Statements of Bidders	Annexure-VI	24
7	Instructions to the Bidders for e-tender system	Annexure-VII	25-26
8	Acceptance certificate, Performa for indemnity bond, Performa for monthly pay roll	Annexure-VIII	27-29
9	Details of equipment of AHP System	Annexure-IX	29-32
10	Technical Check List Format	Annexure-X	33
11	Price Bid Format	Annexure-XI	34



HARYANA POWER GENERATION CORPORATION LIMITED

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

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.gov.in

Telephone No. 01693-250133

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

ONLINE NOTICE INVITING 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 Annual Running Contract for O&M of Complete Automated PLC controlled comprehensive Hydro-Pneumatic (Dry & Wet) vacuum based Ash Handling System including Ash Silo & Ash Water Recovery System of 2x600MW Unit-I&II, RGTPP, HPGCL, Khedar.

Tender Enquiry No.	e-NIT No. 03 /RGTPP/AHP-17/2026-2027 Dated: 06.10.2026
Description of Work	Annual Running Contract for “Operation & Maintenance of Automated PLC controlled comprehensive Hydro-Pneumatic (Wet & Dry) vacuum based Ash Handling System including Ash silos & Ash water recovery system of 2x600 MW Units, RGTPP, Khedar, Hisar”.
Earnest Money	Rs.10 Lakh (Rupees Ten Lakh only)
Cost of Tender documents (Non-refundable)	Rs.1180/-
E-services fees (Non-refundable)	Rs.1180/-

Information Regarding Online Payment of Tender Document, eService & 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 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, Home page of the e-tendering portal <https://etenders.hry.nic.in> may be referred.

Note: -

1. If the tenders are cancelled or recalled on any grounds, the tender document fees & e-service fee will not be refunded to the agency.
2. Those agency who are exempted from EMD, should submit proof of related documents at least 10 days before end date of “**Downloading of Tender Documents & Bid Preparation**” stage to **publisher of the tender i.e. concerned Executive Engineer.**

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 Industries Corporation, Govt. of India.
- iv) 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.

The Tenderer can submit their tender documents (Online) as per the dates mentioned in the key dates: -

Key Dates:

Sr. No.	Department Stage	Tenderer's Stage	Start date and time	Expiry date and time
1	-	Downloading of Tender Documents & Bid Preparation	06.10.2026, 16:00 hrs	17.11.2026 Up to 11:00 hrs
2	Technical Opening (Part-I)	-	19.11.2026 at 15:00 hrs	-
3	Short listing of Technical bids & Opening of Price/ Financial Bid		Will be intimated to the firms on their E-mail or postal address	

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: -

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.

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>.

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 <https://etenders.hry.nic.in>

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 safe place under proper security (for its use in case of emergencies).

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.

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.

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.

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>.

For help manual please refer to the 'Home Page' of the e-Procurement website at <https://etenders.hry.nic.in>.

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 document can be downloaded online. Bidders are required to pay the tender documents fees online using the electronic payments gateway service. For online payments guidelines, please refer to the Home page of the e-tendering 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 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 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 date and time
1	-	Downloading of Tender Documents & Bid Preparation	06.10.2026, 16:00 hrs	17.11.2026 Up to 11:00 hrs
2	Technical Opening (Part-I)	-	19.11.2026 at 15:00 hrs	-
3	Shortlisting of Technical bids & Opening of Price/ Financial Bid		Will be intimated to the firms on 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.

8. **Bid Preparation (Technical & Financial) Online Payment of Tender Document Fee, eService fee, EMD fees and Submission of Bid Seal (Hash) of online Bids:**

The bidders shall have to pay for the Tender document fee, 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 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.

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

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 bidders shall quote the prices in price bid format. Submission of bids will be preceded by submission of the digitally signed & sealed bid (Hash) as stated in the time schedule (Key Dates) of the Tender.

**Executive Engineer / AHP,
For Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

INSTRUCTIONS TO BIDDERS

All tenderers must carefully observe the following instructions and offers/tenders not strictly in accordance with these instructions will be liable to rejection:

1. Pre Qualifying Requirements (PQR)/ Eligibility Conditions for the tenderers:

- a) The firm who has successfully carried out the erection, testing & commissioning of any Automated PLC controlled Ash Handling System (**Wet & Dry**) of generating unit of 250 MW & above and should have minimum one year experience in its O&M in the proceeding 07 years.

OR

The bidder should be Original equipment manufacturer /supplier (OEM/OES) or a registered vender of HPGCL, as per vender registration policy for the specific category of the work/ purchase.

OR

The firm who has minimum 2 years' experience of Operation & Maintenance work of **similar*** Automated PLC controlled comprehensive Hydro-Pneumatic (**Wet & Dry**) Vacuum based Ash Handling System of 250 MW & above generating unit in the preceding seven 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.3.46 Cr.

Or

Two orders of the value not less than Rs.2.16 Cr. each.

Or

Three orders of the value not less than Rs. 1.73 Cr. each.

The authentic documentary evidence in support of their claim of having said experience and turnover should be enclosed in technical bid for consideration of their tender.

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 a copy of a performance certificate/ repeat order from the same organization, if any.

***Note: Similar work means Operation & Maintenance work of Automated PLC controlled comprehensive Hydro- Pneumatic (Wet & Dry) Vacuum based Ash Handling System of generating unit of 250 MW & above.**

- b) Bidders must have average annual turnover in last three consecutive financial years ending 31.03.2026 shall not be less than Rs 4.56 Crores. Firm has to supply copy of audited balance sheet showing the turnover or certificate from Chartered accountant in this regard.
- c) The firm should be 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.
- d) 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.
- e) Bidder(s) shall have HEWP contractor Identity while applying for the tender.

Note:

- i) Firm should submit authentic supporting documents for proving its credential. Original documents may be asked for verification at the time of finalizing the tender.
- ii) Decision of the HPGCL regarding fulfillment of pre qualification requirement shall be final and binding upon the bidders.

2.
 - a) Any information regarding tender can be had from the office of XEN/AHP, RGTPP on any working day prior to last date of submission of tenders.
 - b) The payment of Tender Document Fee and e-service Fee can be made online directly through Debit Cards & Internet Banking Accounts. The payment of Earnest Money can be made by eligible bidders / contractors online directly through RTGS / NEFT.
 - c) Cost of tender and EMD in any other form shall not be accepted.
3. The details of NIT along with Tender Documents can be seen and downloaded from the portal <https://etenders.hry.nic.in> as well as HPGCL website www.hpgcl.org.in.
4. 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.
5. The "Application for Bidding" along with the "Terms and conditions of the contract and its all Annexure should be submitted duly filled 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 conforms to the specifications and terms and conditions as laid down in NIT.
6. The tenderers shall submit their tender in 02 parts - the first part containing documents for qualifying criteria, technical specifications, schedule of deliveries and all other term & conditions except the rates (price bid) and second part containing the rates (price bid) quoted for each item as well as other related item like freight, GST, price escalation etc. as applicable Each part shall be uploaded/ submitted online. EMD Cost of tender and e-Service fee shall be submitted online.
7. 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. In case due dates of sale / receipt /opening of tender happens to be holiday in RGTPP/HPGCL, the needful will be done on next working day.
8. 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.
9. The firm should have its own permanent EPF, ESI Account No, GST & PAN and submit copy of same. The firm should fill and submit the statement of bidders as per annexure-VI and acceptance certificate as per annexure-VIII.
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. The validity of the tender/offer shall be for 120 days from the date of opening of the price bid.
 - a) Suomoto 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 Suomoto 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 authority.
 - b) The rate negotiations shall be held as per Govt. of Haryana Notification/Guidelines from time to time.
 - c) The whole work against this tender shall be awarded to a single firm i.e. L-1 bidder whose overall quoted/equated prices are lowest for the complete package.
12. No deviation shall be allowed. However, in case of deviation of taxes etc., the same be loaded for comparison purpose.
13. 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.
14. 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.

15. 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.
16. (CE/RGTPP) 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.

**Executive Engineer / AHP,
for Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

SCOPE OF WORK

ARC for “Operation & Maintenance of Automated PLC controlled comprehensive Hydro-Pneumatic (Wet & Dry) vacuum based Ash Handling System including Ash silos & Ash water recovery system of 2x600 MW RGTPP, Khedar, Hisar”.

1. Continuous operation of PLC based Ash Handling system (Wet & Dry) and Ash water Recovery system including local operation of Silo system of Unit-1 & 2 round the clock in three shifts by deploying experienced Engineers, supervisors, operators & technician etc. The contractor shall also deploy Engineers, supervisors, technician and other supporting staff in general shifts for maintenance. The work shall be carried out in an approved manner and as directed by Engineer-in-Charge. Operation of dry ash evacuation system is to be carried out in co-ordination with the staff at Silos. Operation & maintenance of the Ash handling system including ash silos system & ash water recovery system involves the following activities:-
 - (I) Operation of the ash handling plant (wet mode) for each unit broadly involves evacuation of bottom ash hopper (01 No), Economizer hoppers (6 Nos.), APH hoppers (8 Nos.), ESP hoppers (128 Nos.) & Chimney hoppers by means of operating various pumps and auxiliaries of ash handling plant, vacuum pumps, fluidizing air blowers and BAH overflow pumps etc.
 - (II) Operation of ash handling system (dry mode) for each unit involves evacuation of dry ash from ESP hopper (128 Nos.), APH hoppers (8 Nos.) by operating Transport Air Compressor and various auxiliaries of buffer hoppers for transfer of ash to silos.
 - (III) Operation of ash water recovery system broadly involves supplying about 1160m³/hr clear water by means of operating ash water recovery pumps (2 Nos. working and 1 No stand by) each of 560m³/ hr capacity. Also operation of one extra 75 HP ash water recovery pump & its valves and pipeline.
 - (IV) Maintenance of ash handling plant including Mtc. of dry ash evacuation system from buffer hopper to silos, ASH Water Recovery System (AWRS) and wet disposal system mainly involves all the concerned machinery and auxiliaries installed on above equipments as well as other associated auxiliaries such as clinker-grinders, seal trough, bottom ash discharge lines, MHV, segregating valves, fly ash lines, collector tanks, wetting head, hydro ejectors, AD pumps, HP pumps, drain pumps, seal water pumps. Ash disposal lines up to ash disposal points on ash dyke, ESP Pit Pumps, fluidizing air system, vacuum pumps, slurry valves, pneumatic cylinders, other valves along with their actuators, ash water recovery pumps and their seal water pumps.
 - (V) Arrangement of expert services from OEM for maintenance of routine/breakdown/annual maintenance of PLC or any other auxiliary as per requirement.
 - (VI) O&M of sluice gates at Ash water recovery system.
 - (VII) Changing of ash disposal points as per requirement in ash dykes areas or instruction of engineer in charge will be in scope of contractor.
 - (VIII) Replacement and rotation of ash handling lines is excluded. However fabrication and replacement of various eroded MS bends / minor length of CI & MS pipes / MS reducer for attending of damage / leakage from ash handling lines as per requirement of ash handling system shall be in the scope of contractor, minor length of pipeline means length upto 200 mtrs. per year.
 - (IX) Arrangement of dewatering pumps for cleaning and dewatering from various sumps/water logged areas in AHP will be in scope of the contractor. Dewatering pumps, if available with HPGCL, will be provided free of cost, however proper maintenance and breakdown repairing due to contractor fault will be in the scope of the contractor.
 - (X) O&M of hydro ejector system installed for front field hoppers of both units with its valves and pipelines will be in the scope of contractor.
 - (XI) O&M of all refrigerated type air dryer(s) for transport air compressor (04 nos.) and/or refrigerated type air dryer installed anywhere in AHP with its all associated valves, pipes, C&I, electrical and all related systems.
2. All the electrical & C&I inter locks, protections, maintenance of PLC system, maintenance of field instruments such as solenoid valves, switches (Pressure, flow, Temperature level etc.), transmitters, gauges, (Pressure, temperature etc.) etc. will also be in the scope of contractor. However, for the

replacement of the damaged equipments / spares including indication lamps, control wires, pressure switches, solenoid valves or any other instruments etc. will be supplied by Electrical/C&I section of HPGCL) and the work shall be carried out under supervision of respective divisions. Proper records of material damaged/replaced will be maintained by the contractor.

3. Lifting of motors & pumps for maintenance and alignments/coupling of the pumps with motors shall be in the scope of contractor.
4. Removal of fallen foreign material from BAH & fly ash hopper shall be in the scope of contractor.
5. Cleaning of all equipments/pumps, instruments, electrical equipments & panels and housekeeping for complete system of AHS and AWRS will be done by the contractor.
Oiling/greasing of equipment such as pumps/gear drives etc. shall be done regularly by the contractor as provided in the O&M manual or directed by Engineer-in-charge.
6. Monitoring the performance of different components of ash handling system is in the scope of contractor and he has to take adequate measures immediately to avoid any likely shortfall in performance.
7. Preparing and putting into implementation an effective operation and preventive Mtc. programme.
8. Carrying out all needed maintenance of the ash handling system & ash water recovery System in routine as well as during shut down for any major overhaul/inspection. Overhauling of all equipments of all the above system will be carried out by the firm and no extra payment will be made on account of labour charges etc.
9. Providing adequate technical back up from the firm's head office including periodic visits to the site by its senior engineers / experts to ensure smooth operation and maintenance of the plant.
10. Assisting HPGCL in timely procurement of all needed genuine spare parts.
11.
 - a) The contractor will maintain daily log sheet of the progress made during each shift which includes preventive/break down/shutdown/faults attended during the shift.
 - b) The contractor should follow work instructions, maintenance procedure and maintain daily check & preventive maintenance register as per ISO approved documents related to AHP, RGTPP.
 - c) Standard operating procedures (SOPs) and Standard maintenance procedures (SMPs) of AHP, RGTPP are to be followed by the contractor.
12. Transportation of spares/materials from RGTPP (O&M) store to site of work and dismantled materials from the site to O&M stores will be done by the contractor.
13. To carry out repair of all equipments in ash handling, dry ash silo System and ash water recovery system as per the requirement and instruction of Engineer-in-Charge. Work shop facility as available at RGTPP, HPGCL, shall be provided free of cost. However planning & supervision of such repairs / machining job etc. to be carried out at work shop will deemed to be part of contractor's scope.
14. All required T&P including welding sets, gas cutting set, chain pulley blocks, lifting & pulling machines & tackles, grinders, jacks, submersible pumps, etc. required for maintenance, repair & overhauling jobs will be arranged by contractor.
15. The contractor shall also be required to carry out Maintenance works in evening/night shifts & holidays in case of emergent exigencies/breakdown.
16. (a) Carrying out recasting of refractory after breaking the damaged / loosened part of refractory in bottom ash hopper as & when required shall be in the scope of the contractor subject to maximum recast of 80 MT in each unit.
(b) Damaged insulation on fluidizing piping to be carried out by the contractor as and when required (except overhauling of unit).
17. Maintenance and upkeep of EOT cranes installed in ash handling pump houses, compressor pump house will be in the scope of contractor.
18. Continuous local operation of Silo system of Unit-1 & 2 round the clock in three shifts by deploying experienced supervisors, operators and technicians and other supporting staff in general shift for maintenance. The work shall be carried out to the entire satisfaction of Engineer-in-Charge.
19. Maintenance of dry ash evacuation system from buffer hoppers to silos mainly involves all the concerned machinery and auxiliaries installed on above equipments as well as other associated auxiliaries such as transport air compressors, various auxiliaries & equipments installed at silos,

segregating valves, knife gate valves, equalizing Valves, buffer hoppers & associated system Silos & associated system etc.

20. Cost of all spares shall be borne by HPGCL.
21. The services of EOT crane where installed shall be provided free of cost. However, mobile crane if available will be provided by HPGCL on chargeable basis for shifting of heavy spares from store to work place.
22. All spares, lubricants & consumables which are required permanently for smooth running of equipments such as jointing sheets, packing, nuts & bolts, V- belts, rubber sheets etc. required for the job shall be provided by the HPGCL free of cost but the other consumables like DA/O₂ gas, cutting/grinding wheels, waste cotton, emery paper, diesel/ restoline etc. and T&P required for the job shall be arranged by the contractor at their own cost.
23. **The following electrical works will be in scope of contractor:-**
- (I) Cleaning & greasing of all electrical motors to up keep and maintain their record & same should be available by the contractor to HPGCL as per requirement.
 - (II) Cleaning & tightening of electrical connectors of all modules/ feeders periodically / during shut down to upkeep & maintain their record.
 - (III) Maintenance and attending routine faults of control panels and all outgoing breakers/ modules.
 - (IV) Removal, reconnection & tightening of connection of cables at motor & breaker/ modules end as when needed.
 - (V) Replacement, servicing & upkeep of various hoists, cranes (electrical part) installed at various location.
 - (VI) Dismantling of damaged motor from site will be in the scope of contractor. HPGCL will provide the repaired motor and the contractor will install the same at site.
 - (VII) During routine work if any electrical flash/abnormality occurred then contractor normalize the system. HPGCL will provide spares required thereof. During the course of running, if motors got damaged, damage report will be made by the contractor and countersigned it from HPGCL.
24. Maintenance of following electrical equipments are excluded from contractors scope of work: -
Incomer of 415 V PMCC
3.3 KV breakers of H.T. motors
Power Transformers
Lighting system and its panels
Repairing/rewinding of H.T. /L.T. motors
25. (a) The fallen dry or wet ash in all ash handling area, what ever may be the reason of ash fallen, shall be cleared by the contractor. Otherwise the same will be got done from other agency at the contractor's risk & cost and the amount will be deducted from the bills of contractor.
(b) Manual cleaning of the ESP hoppers during overhauling or shut down of the units will be in the scope of contractor.
(c) Lifting and disposal of ESP hoppers ash fell due to manual cleaning on ESP floor both the units during shutdown/overhauling of the units will be in the scope of contractor.
(d) Emptying of all ash silos including buffer hopper, if required, during shutdown and shifting and disposal of the same will be in the scope of contractor.
(e) Arrangement of sufficient number of cleaning staff with one hydraulic operated tractor trolley will be made by contractor.
(f) Manual cleaning of bottom ash hoppers and various sumps in AHP area, if required, will be carried out by the contractor.
26. Space for office accommodation will be provided near the working place.
27. Compressed air, water and electricity for the site will be provided by HPGCL free of cost.
28. Any other operation/maintenance work not included in the scope as detailed above but is required for smooth running of ash handling system including dry ash silo system and ash water recovery system is deemed to be included in the contractor's scope.

**Executive Engineer / AHP,
for Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

TECHNICAL TERMS & CONDITIONS

1. Consumables like M.S welding electrodes (ESAB/ADVANI/ADOR/L&T/D&H or any ISI marked), Oxygen and acetylene gas, cloth, cotton waste, emery paper, anabond 666 or 610, kerosene oil, rustoline, hacksaw blades, grinding wheel, PVC pipes, Teflon tapes, araldite, soldering flux, solder, old dhoti, cleaning agent, metal putty, flexible pipes for cleaning with service air & water etc. required for ash handling & maintenance jobs will be arranged/provided by the firm. In case contractor fails to bring sufficient consumables to site without which HPGCL work is suffering, HPGCL shall procure the same from the market and recover the cost from the contractor's bill @1.5 times the purchase price of the item. However, special silicon grease, O-rings, special welding electrodes for S.S/CI/alloy steel for hard facing/repairs will be provided by HPGCL free of cost.
2. The contractor has to make his own arrangement for welding set & welding leads, wire brush, welding torch gloves, bulbs, wires & holders for temporary lighting etc. at work place.
3. All tools & tackles like spanners, multi meters, current source, box-spanner, chain pulley blocks, pull lift, hydraulic jacks. Hoisting arrangement, portable grinding machine, personnel protective equipments for safety of workers, safety belt, scaffolding material and other general purpose tools and tackles have to be arranged/ provided by the contractor.
4. The entire work shall be completed by the contractor within the time given by Engineer-in-Charge and to achieve this, contractor has to work round the clock. However, in case of any delay in the supply of spare parts in time or any job involving machining etc., the time extension shall be given accordingly by the HPGCL.
5. All spares, bolts, nuts, grease, lubricants and gaskets, seals, 'O' rings , electricity supply for welding set / lighting, water and air etc. if required for any job will be issued free of charge by HPGCL. D.G set required for maintenance work at dyke area/AD lines shall be arranged by contractor. However D.G set if available with HPGCL shall be provided free of cost but O&M including fuel will be in scope of the contractor.
6. The description of works has been given in the scope of work in Annexure-II of the tender document. However, in case of any new job, the rate shall be decided by HPGCL on the representation of the contractor. It will be obligatory on the part of the contractor to carry out left over jobs relating to the system.
7. The work shall be started immediately after getting written/verbal instructions from the authorized representative of the Engineer-in-Charge.
8. Any temporary Platform/scaffolding etc. required to execute any work shall be in the scope of contractor.
9. The electricity for carrying out the welding / cutting / other site works & for site office at nearest point will be provided free of cost. The contractor will be responsible to use the same judiciously.
10. The transportation of material from site to workshop & vice versa will be in the scope of contractor. The contractor will assist the loading / unloading of spares, if the same are to be got repaired from any private workshop.
11. The transportation of spares & other material from O&M store to site store or place of work & transportation of scrap to store yard will be in the scope of contractor.
12. After attending the job, the area will have to be got cleaned / cleared and scrap etc. to be removed from site. In case Engineer-in-Charge feels that the area has not been cleaned / cleared properly, HPGCL has the right to get the above work done from other agency at the risk and cost of the contractor.
13. If required, the space for office and store can be provided if available by HPGCL. The site office should be well painted and constructed in such a way that it should give a good look.
14. The chemicals for carrying out DP test wherever required will also be arranged by the contractor.
15. In case spares are not available at site or in store and same are required to be removed from any other unit, the contractor is bound to do same without any extra cost.

16. Cleaning of dust from equipment i.e. HP Pumps, LP pumps, Vacuum pumps, Fluidizing blowers, Ash slurry pumps, TAC, IAC, Clinker grinder drives, Ash Water recovery pumps & associated equipments, equipments in silo utility building at silos, LP-HP piping, TAC line, AD lines, etc. will be done daily, preferably between 06:00 AM to 10:00 AM. All equipments shall be maintained adequately cleaned & dust free.
17. The dismantled spares, new spares, kept at site for emergency use should be properly stacked, kept cleaned and covered properly in safe custody.
18. Contractor will arrange all measuring instruments like micrometers, vernier calipers, scales, dial gauge, hydraulic testing pumps for coolers etc.
19. Additional manpower will be required to be mobilized during overhauling of any unit and the contractor will ensure adequacy of manpower so that overhauling works are completed in time.
20. The contractor shall make an arrangement so that his authorized representative is available round the clock at specified location to take maintenance job on all days including Sundays / Holidays.
21. The contractor will ensure the presence of their representative i.e. Supervisor / contractor himself at the time of cancellation of PTW / running of equipment after completion of work.
22. All tools & tackles and consumables like broomsticks, belcha, fowra, hand brush, floor broom, hose pipe or any other tools & tackles required for proper cleaning shall be arranged by the contractor at his own cost.
23. The firm should have minimum following T&P along with other sufficient essential T&P so that simultaneous different sites could be handled at site for O&M work:
- | | | |
|----|---|---------|
| a) | Welding machines | 04 Nos. |
| b) | Single phase portable welding Machine | 01 No. |
| c) | Gas Cutting Set | 04 Nos. |
| d) | Chain Blocks | 05 Nos. |
| e) | Hydraulic Jack (50T) | 02 Nos. |
| f) | Hydraulic Tractor trolley with scraper arrangement. | 01 No. |
| g) | Hydra with high boom | 01 No. |

**Executive Engineer / AHP,
for Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

GENERAL TERMS & CONDITIONS

1. CONTRACT AGREEMENT:

The contractor shall execute a contract agreement with HPGCL on a Non Judicial Stamp Paper of appropriate value within 7 days of receipt of 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 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, should online deposit earnest money specified in the NIT through online portal.
- 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.
- 3.3. 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.
- 3.4. The Security Deposit shall be 10% of the Contract value in all the cases. The deduction of the security deposit shall be regulated as per following:-

For ARC	The security deposit equal to 10% of the total work order value will be deducted from the bill of the contractor. However, the EMD already deposited by the bidder shall be converted into security deposit.
---------	---

- 3.5. The security deposit of the contractor shall be retained by HPGCL for faithful execution of the contract.
- 3.6. Security deposit shall be released only after completion of the entire period of the contract and submission of requisite documents like last EPF/ESI return by the contractor.
- 3.7. No interest shall be paid on EMD / Security Deposit for the period it remains deposited with HPGCL.
- 3.8. 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:**

Subject to any deduction which the HPGCL may be authorized to make under this contract, the payment shall be made as follows for ARC:-

“90% payment shall be made against the running bill or monthly bills for the work done and balance 10% shall be kept as security which shall be released after the satisfactory completion of the contract including the period of guarantee / warranty”. No interest shall be paid by HPGCL on the security amount.

5. **MODE OF PAYMENT**

The payment shall be made through RTGS/NEFT banking and the firm shall submit their banking details duly authenticated along the bills

- a) Name & address of beneficiary
- b) Name & address of bank
- c) Account number
- d) IFSC number

No Bank charges etc. of any kind shall be paid by HPGCL.

6. **PERIOD OF CONTRACT:**

The period of contract shall be for three (03) years from the date of commencement of work. A notice of 07 days shall be given for starting the job, but the contractor should be able to mobilize his resources within 24 hours, if necessity arises. The period of contract may be extended up to three (03) months at the same rates & terms and conditions at the discretion of HPGCL.

7. **RISK AND COST**

In case the contractor fails to fulfill the contractual obligations, 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 / DEDUCTIONS :**

- i. Penalty levied on reasons due to Wet ash handling system:-

A penalty @ 20% of the monthly wet O&M contract value per day shall be levied if plant generation is affected due to operation and maintenance fault of O&M part in the wet ash handling system.

- ii. Ash Water Recovery System (AWRS):-

Penalty levied on reasons due to Ash Water Recovery System:-

- i) 2% of the monthly charges for O&M of AWRS per day if system remains out of order for more than 12 hrs in a day due to reasons attributed to contractor.
- ii) In case AWRS remains non-operational for more than 15 days due to any reasons even not attributed to contractor, then only 60% of monthly O&M cost of AWRS will be paid and in case, ash water recovery system remains non-operational for more than 20 days, then only 35% of monthly O&M cost of AWRS will be paid. The cleaning of AWRS sump is in the scope of firm.

- iii. Dry ash system: (Excluding bottom Ash):-

Timely & efficiently evacuations of 100% dry fly ash from ESP hoppers and efficiently feeding of ash from silos to trucks / bulkers is required.

- i) **For the first six months from the date of award of work:-**

In case evacuation of dry ash is less than **70%** of the total fly ash generated during a calendar month, payment will be made on pro-rata basis on O&M cost of dry ash system.

- ii) **After six months from the date of award of work:**

In case evacuation of dry ash is less than 75% of the total fly ash generated during a calendar month, payment will be made on pro-rata basis on O&M cost of dry ash system.

In case dry ash evacuation/lifting is effected due to non availability of trucks and ash silos level are more than 12 meters i.e. full. The dry ash system penalty shall not be levied for that period. The calculations of ash evacuation will be approved and the reasons for less evacuation of ash would be examined and decided on merit by SPC.

- iv. A penalty @ 5% of monthly contract value of each item per day shall be levied in case required sufficient skilled manpower is not deployed as per clause “Engagement of Labour” and operation and maintenance of ash handling, ash water recovery system as per the opinion of Engineer-in-charge.

v. ***In case any site found unattended then a penalty of Rs. 2500/- per instance shall be imposed and after two instances in a calendar month, Rs. 5000/- per instance shall be levied by Engineer In-charge. This penalty is in addition to the penalty under clause (d) above.***

vi. A penalty @ 2% of monthly contract value per day shall be levied if proper cleaning / Housekeeping in ash handling system not found as per satisfaction of Engineer-In-Charge.

The ash accumulated below the buffer hoppers, fallen on floor below the silo chutes & silo area, in bottom ash hopper trenches due to contractors fault/ leakages and fallen on ESP floor and ash not cleared from the peripheral drains of AHP be got cleared by the contractor. In case of non evacuation of ESP hoppers in time / accumulation of ash in hoppers beyond permissible limits due to contractors fault the ESP hopper will be got cleared by the contractor manually, if the ash is dumped on ground floor to avoid damage to ESP same will be got cleared by the contractor. Ash due to leakages from ash disposal lines and ash slurry pumps etc. spread on the floor or in trenches etc. in the pump house, on roads or other areas will be got cleared by firm. If contractor denies, the same shall be got done from other firm at the contractor's risk and cost besides imposing a penalty @10% of monthly contract value for each happening and the amount will be deducted from the bills of contractor.

vii. In case the firm does not carry out the works as per instruction of Engineer In-charge within assigned time interval, then a penalty @2% of monthly amount per instance of the respective system i.e. dry, wet, recovery system shall be imposed.

viii. In case any work is not completed by the firm despite of written instructions or work is left over work/unsatisfactory work in the opinion of Engineer In-charge, the work will be got done from some other contractor at the contractor's risk and cost.

NOTE:- The per month cumulative penalty imposed shall not be more than 10% of the total monthly contract value.

ix. 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.

a) In case of non-operation of the unit/units, due to any reasons, on the prior instruction of HPGCL, of at least 7 days and work/activity is not carried out.

i) for up to one month, a deduction @ 35% payment of particular work will be made.

ii) for more than one month, a deduction @50% payment of particular work will be made.

However, if the units are expected to be under shut down for longer periods due to any reason including backing down, then SPC may decide short closure of the contract.

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:-

(I) Contractor shall submit the bill in duplicate to the executive in-charge along with the followings:

a) The contractor shall submit bill in duplicate. The bill should be on the contractor's bill book duly serially numbered and bearing date of issue, contractors EPF code, GST number, PAN etc. A photo copy of the EPF code, GST number, Labour licence, PAN etc. shall be attached with the bill for reference and record.

b) Self attested copy of the deposit challan of EPF contribution, labour welfare fund deposited by the contractor for the labour/driver engaged for the work duly validated with dossier of workers/drivers and their account no. in the appropriate prescribed Performa.

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

(II) 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 below.

(III) 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:**

Not Applicable.

11. **Warranty:**

- a. The contractor shall give guarantee for the work done for a period of 90 days from the date of successful commissioning of equipment repaired.
- b. During the liability period, if any defect is observed in the equipment, which is attributed to poor workmanship or poor quality of material used by the contractor, the same shall be attended by the contractor 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 & cost of the contractor.

12. **FORCE MAJEURE:**

The delay in completion of work may be treated as force majeure to the contractor 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-outs, freight embargoes, war risk riots and civil commotion.

The contractor's request for extension of the delivery period along with all necessary evidence comes, before the expiry of the schedule date(s) of delivery.

13. **OVER RUN CHARGES:**

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

14. **WATCH & WARD: -**

The watch and ward of vehicles and other material will be the responsibility of the contractor.

15. **FACILITIES TO BE ARRANGED BY CONTRACTOR: -**

The contractor 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.

16. **STATUTORY DEDUCTIONS: -**

Statutory deduction on account of Income Tax, GST etc. including surcharge shall be made at source from the bills of the contractor at the prevailing rates.

17. **FACTORIES ACT/MINIMUM WAGES ACT/INSURANCE ACT/ EPF ACT ETC.:**

Strict adherence of various applicable laws likes the Factories Act, Minimum Wages Act, Payment of Wages Act, the workman's Compensation Act, EPF Act, Contractor labour (Regulation & Abolition) Act, 1970, etc 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 to the Labour Welfare Officer, at the time of 90% payment along with corresponding list of workers. The contractor shall make the payment of wages to its labour/worker/driver in their saving account only. Documentary evidence thereof shall be submitted along with the running bills.

18. **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.

19. SAFETY RULES

- I. Contractor shall have to comply with all the provisions of safety rules. The Engineer-in-Charge or Safety Officer shall impose penalty of Rs.200/-per day per head if the workers of contractor are found to be working carelessly or in violation of use of proper protective equipments i.e. safety helmets, shoes, safety belts, goggles, ear plugs etc. and against violation of any other clause. A penalty of Rs. 500/- per violation (minimum) shall be levied in case of repeated violation. Further, if the violation made by the contractor / labour which may cause any serious accident or direct loss to the corporation or threatens to cause severe consequences, the higher penalty may be imposed including suspension / termination of the contract.
- II. Following undertaking is also required to be submitted by the contractor:-
“I / We have gone through all the terms & conditions on safety regulations and undertake to strictly enforce the same during the execution of this contract including mobilization period, if any”. In case of violation of these terms & conditions, the HPGCL is free to take action as deemed fit.
- III. In case of any fatal / non fatal accident or any other violation of Factories Act 1948. Pb Hr Factory Rules 1952 or under other Industrial or Labour Act are made by / with the workers of the contractor and if prosecution is launched by Chief Inspector of Factories, Chandigarh or any other authority against occupier / Factory Manager or any other authority of HPGCL, the contractor shall be liable to deposit the amount of fine / penalty decided by the Court, on the same day. In case of default, the amount will be recovered from the outstanding dues / liabilities of the contractor against this contract or any other contract at RGTPP besides other action as the HPGCL may deem fit like black listing of the firm etc.
- IV. The liability of the injured person shall be borne by the contractor, irrespective of the location at which the accident has occurred.
- V. HPGCL 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 part of the contractor.
- VI. The contractor will observe all fire and safety regulations. He should adopt proper fire prevention arrangement during his work at site. He shall be responsible for any loss due to fire or unsafe methods or damage to any of the HPGCL property during the execution of contract and shall make good to the satisfaction of Engineer in charge. However, this will not relieve the contractor of any statutory or other obligations.
- VII. A safety clearance certificate on quarterly basis from the chief safety officer shall be obtained by the contractor and has to be attached along with the bill.

20. 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 Managing Director / HPGCL or an officer appointed by the Managing Director, HPGCL as his nominee. The Award of the Arbitrator shall be final and binding on the parties to the contract.

21. 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.

22. SET OFF

Any sum of money due and payable to the supplier/contractor (including security deposit returnable to the supplier/contractor) 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 the supplier/contractor with the HPGCL.

23. **SUBLETTING NOT ALLOWED**

Contractor shall neither sublet the contract nor suspend the work at any time during the period of contract without any lawful excuse and without the earlier permission of the project authorities. However, contractor will be allowed to engage service providers for taking educated and experienced manpower except the key personnel. In such case contractor will be fully responsible for all supervision and legal consequences and to follow all norms as per work order. The service provider should have min. two year associations with the contractor. The contractor will only be responsible to execute the work.

**Executive Engineer / AHP,
for Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

SPECIAL TERMS & CONDITIONS

1. Before tendering, the tenderer is advised to inspect the site of work & the environment and make acquaint with actual work and other prevalent conditions, facilities available, position of material and labour. No claim will be entertained later, on the ground of lack of knowledge.
2. In case due dates of sale / receipt /opening of tender happens to be holiday in RGTPP/HPGCL, the needful will be done on next working day.
3. The contractor whose tender is accepted will be required to furnish by way of security deposit for the due fulfillment of his contract such sum as will amount to 10% of the cost of work. The security deposit will be collected by the deduction from the running bills of the contractor at the rate mentioned above and the earnest money if deposited in cash at the time of tenders will be treated as a part of the security deposit and adjusted accordingly.
4. The tenderer shall quote the prices in English language and international numerals. The rates shall be in whole rupees and shall be entered in figures as well as in words. For the purpose of tender, the metric system of units shall be used.
5. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the tenderers who resort to canvassing will be liable to rejection straight way.
6. All rates shall be quoted on the proper form i.e. price bid supplied as part of the tender documents on e-tender portal by the Department. The basic unit rate per month for each year is required to quoted only excluding GST by the firm in the online price-bid. The total amount including GST will be calculated automatically by the system.
7. On acceptance of the tenders, the name of the authorized representative(s) of the tenders, who would be responsible for taking instructions from the Engineer-in-Charge and shall be communicated to the Engineer-in-Charge immediately after the allotment / start of work.
8. The Haryana Power Generation Corporation Limited does not bind itself to accept the lowest tender and reserves to itself the right to accept the whole or any part of the tender and the tendered shall be bound to perform the same at the rate quoted in this tender.
9. GST or any other tax on material or labour in respect of this contract shall be payable by the contractor and Haryana Power Generation Corporation Limited will not entertain any such claim whatsoever.
10. No contractor is permitted to tender for the works if any of his near relatives is posted to deal with day to day duties in the passing of bill etc. and who is working in any capacity requiring him to give instructions / advice and in particular any office / official of the Corporation including the member of the Board. Any breach of this condition by any one shall render him liable to be removed from the list of the contractors for the Haryana Power Generation Corporation Limited and the work entrusted to him may be terminated.
11. **NEGLIGENCE**
If the contractor neglects to execute the work with due diligence and expedition or refuses to do the work, then HPGCL may serve 15 days notice, in writing to the contractor to make good the failure within the stipulated time otherwise HPGCL shall be at liberty to take the work wholly or partially at the risk and cost of the contractor at a reasonable price. It shall be lawful for the HPGCL to retain any balance which may otherwise be due to the contractor on any account, if dues of the contract are not sufficient to cover the amount thus recoverable from the contractor and to recover the whole of the balance of the amount from the contractor by action at law or otherwise. The remedy under this clause will be in addition to and without prejudice to rights available to the HPGCL under other clauses of the terms and conditions.
12. **ENGAGEMENT OF ADEQUATE LABOUR**
Manpower with necessary qualification & experience shall be deployed by the contractor round the clock (general as well as shift duty) for smooth working of O&M of ash handling system of both the units.
The contractor shall deploy appropriate maintenance as well as operation manpower having the minimum educational qualification and work experience as mentioned below.

Description	Qualification/Experience
Overall Incharge	Minimum 02 yrs experience of O&M of Automated Ash Handling Plant with B.E Qualification or minimum 7 yrs experience of O&M of Automated Ash Handling Plant with Diploma Qualification
Shift incharge	Diploma Holder with 2 year experience or ITI holder with 5 year experience
Shift operator	I.T.I with 1 year experience or 3 year experience from reputed O&M contractor

Maintenance charge	In-	Diploma Engineer with 2 year experience of Ash handling system
Fitter		I.T.I with 3 year experience or matric with 5 year experience of Ash handling system
Electrician		I.T.I with 3 year experience of Ash handling system
Instrument technician		Diploma with 1 year experience of Ash handling system
Welder /Gas cutter		I.T.I with 1 year experience or matric with 5 year experience
PLC Engineer		The Engineer should be Degree holder conversant with PLC
Helper		Matriculation
The Engineer-in-charge of HPGCL reserve the right to ask to remove any person from site if not found suitable as per requirement of site.		

In addition to above, the contactor shall also deploy the sufficient manpower (if required) such as operators, fitters, welders, gas cutters, riggers, electricians/C&I technicians and helpers to assist engineer/supervisors in order to ensure smooth operation and maintenance of ash handling plant and would deploy them in such a way that the operation/maintenance works are carried out effectively and without any delay round the clock. In case services of any expert from OEMs for sophisticated equipments, the same shall be arranged by the firm.

The Firm would make assessment by itself and it would mention the manpower to be deployed in a separate sheet.

Note: Also, in case services of any expert from OEMs for sophisticated equipments, the same shall be arranged by the firm. If the firm fails to engage the OEM expert, HPGCL may arrange the same at risk & cost of the firm. The tests & spares, if any suggested by OEM expert shall be in the scope of HPGCL.

The above mentioned schedule of manpower is only suggestive however the firm would make assessment by itself and the firm would deploy them in such a way that the operation & maintenance work is carried out effectively and without any delay round the clock. The work shall have to be started immediately as per the instructions of Engineer-in-Charge or his representative. The contractor should be able to mobilize the working force as per the quantum of work and should be capable of executing maintenance work simultaneously at all the fronts depending upon the site requirements. If more persons are required for completion of work in the time schedule as per emergency defined by Engineer- in-Charge, the same shall be arranged by the contractor without any extra payment to complete the work. It is also made clear that the deployment of the workers of contractors will be subject to approval of Engineer- in-Charge of the works.

Additional manpower will be required to be mobilized during overhauling of any unit and the contractor will ensure adequacy of manpower so that overhauling works are completed in time.

The contractor would be responsible for the following:-

- All the labour / workmen deployed during the execution of the contract shall be adequately got insured by the contractor at his own cost.
- Any mishappening / accident to any workmen at site of work & compensation payable to workmen on this account, all liabilities arising out of any provision of Labour Act / Workman's Compensation Act shall be the responsibility of the contractor. Any expenditure incurred by HPGCL arising out of the negligence of the contractor would be recovered from his bills / pending dues.
- The good conduct of all the workmen at work site.
- The loss / damage caused to the property of HPGCL or any other agency of the contractor or any of his workman / employee.
- The contractor may employ such employees, as he may think fit to ensure the execution of the work to the entire satisfaction of Engineer-in-Charge. The employees would not be deemed to be in the employment of HPGCL for any purpose whatsoever. The contractor shall abide by the rules, laws and regulations that may be enforced from time to time regarding the employment conditions of service of his employees.
- Under no circumstances whatsoever, HPGCL would be held responsible to the labour of

the contractor. HPGCL shall have the right to pass on the responsibility on the contractor for any expense incurred by HPGCL as a result of certain dues on the part of employees of the contractor. HPGCL shall be entitled to recover / claim dues / compensation from the contractor in that event.

- g) The labour / employees engaged by the contractor shall not be below the age of 18 years and above 60 years.
- h) Further, the contractor would furnish an undertaking on non judicial stamp paper of appropriate value by each and every worker employed by him, that the worker will not claim any lien as a worker of HPGCL for the services, he is rendering to the contractor.
- i) The contractor shall also indemnify HPGCL against any liability towards its labour for non-compliance of laws etc.

13. CONTRACTOR TO REMOVE UNSUITABLE LABOUR

On instruction of the Engineer-in-Charge, the contractor would immediately remove any person employed on the work, who misbehaves or causes any nuisance or otherwise in the opinion of the Engineer-in-Charge is not fit to be deployed on the work, such person shall not be re-employed or allowed on the work without the prior written permission of the Engineer-in-Charge

14. GST: The GST if extra, shall be paid 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 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 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. Certify 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. Certify that we are registered as dealer and our GST no. is _____.
*Our GST No. is _____ Dt. _____.

15. LABOUR LAWS

- I. The contractor must get himself registered with the Labour Department, Haryana under Section-7 of Labour Contract Act 1970.
- II. He should also obtain a valid Labour License as applicable under Section 12 of Act for the work awarded to him immediately after the allotment of work and a copy of the same must be submitted alongwith the contract Agreement.
- III. The contractor shall abide by all labour-laws required to be followed under Factories Act, 1948, Industrial Dispute Act 1947, Workmen Compensation Act 1923, EPF Act 1952, Payment of Wages Act 1936 & Minimum Wages Act 1948 and other rules & regulations framed by Central / Haryana Govt. from time to time in this regard. The contractor shall give instructions/records to the local government bodies and other authorities as required by them from time to time.
- IV. The contractor shall maintain necessary records viz. Register of wages, Muster roll / Attendance register, Employment card / Gate Pass, Overtime Register and other necessary records etc. as required under aforesaid Acts and the same shall be made available to the Engineer-in-Charge / Project Authorities / Govt. of Haryana for checking / inspection as and when required.
- V. The contractor shall indemnify the HPGCL against all the obligations of the Labour Rules and Regulations under any Statutory Act as mentioned above.
- VI. The contractor shall submit an undertaking stating that all risks & responsibilities towards labour will be owned by him.
- VII. The contractor will engage labour after getting the character antecedents verified from the Police department.
- VIII. The workmen engaged by the contractor shall not be treated as employees of HPGCL. The HPGCL shall have no relation with workers engaged by the contractor. An affidavit from the labour / workmen shall be submitted by the contractor that they will not claim themselves as employees of HPGCL.
- IX. The contractor shall deduct labour welfare fund for each worker as per Haryana Govt

labour welfare rule or any other further amendment by the competent authority, same shall be deposited with the Welfare Commissioner, Haryana, Chandigarh and present its documentary proof along with the bill.

16. LOSS OF PLANT / HPGCL PROPERTY DURING EXECUTION OF THE WORK

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

17. BREACH OF CONTRACT

If the contractor fails to adhere to the time schedule or if his services are found to be unsatisfactory, the HPGCL will be entitled at its option either:-

- I. If the contractor is unable to execute the work, any loss incurred by HPGCL in this respect will be to the contractor'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 contractor till the expiry of the period of contract and debit the cost plus 15% of the cost to the first contractor's account.
- II. To recover damages as per penalty clause mentioned as above, if the said delay is not covered under the Force Majeure reasons.
- III. To get the work done from any other agency after serving a notice of three days to the contractor at his risk and cost and without prejudice to the other provisions of the work order.

OR

To cancel the contract by giving 15 days notice & forfeit the security.

18. JURISDICTION

All legal proceedings in connection with contract shall be subject to the territorial jurisdiction of local court at Hisar (Haryana).

19. ELECTRICITY / AIR / WATER

Electricity/ Air / Water will be provided free of cost at one point per unit as per requirement of job. HPGCL may provide suitable space for site store / temporary workshop free of charges to the contractor. The electricity for site store / office will be provided by HPGCL free of cost. The contractor will use electricity / air / water judiciously. However, contractor shall make his own arrangement for Diesel Generator set/welding set where electricity supply is not available.

20. TRANSPORTATION OF MATERIAL

- a) The contractor shall make his own arrangement for transportation of the material from O&M stores to site of work, from site of work to O&M workshop, if required and return of scrap back to stores. The contractor shall also assist in loading / unloading of material being sent for repairs or received after repair to / from outside of RGTPP.
- b) The contractor 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.

21. PRESERVATION & STORAGE OF MATERIAL

All the material issued to the contractor by the HPGCL or brought by the contractor for its bonafide use shall be stored and preserved against any loss, damage, shrinkages or deterioration in any form. Any damage / loss suffered on this account shall be considered as loss due to willful negligence on part of the contractor and shall be liable to compensate

HPGCL for these losses suffered at penal rates to be determined by the HPGCL. The rates charged for the purpose of recovery shall be final and binding on the contractor.

22. SUPERVISION OF WORK

- a) The Engineer-in-Charge shall have the general supervision of the work. The work shall have to be started by the contractor as per the instruction of Engineer-in-Charge or his authorized representative at any time on working day, on holiday or after office hours, and shall be confirmed by post dated indent. The indent will indicate the date / time of start of work, details of work and scheduled time of completion of work as per contract. The time allowed for a work maintained in the indent will be addition of time of all the jobs / activities as per contract. The Engineer-in-Charge may reduce the total cumulative time of various activities, keeping in view of emergency to bring back the equipment in time. The total time allowed by the Engineer-in-Charge will be final & binding on the contractor. He has the authority to stop the work whenever such stoppage is necessary to ensure the proper execution of the contract. He shall also have authority to reject all works or part thereof and give necessary direction to carry out work again to his satisfaction. No claim whatsoever on

this account will be entertained. The work shall be subjected to the inspection by Engineer-in-Charge all the time.

- b) The decision of Engineer-in-Charge shall be final with regards to all matters relating to his contract.
- c) The decision of Engineer-in-Charge for determining the category of the work with reference to the items not mentioned in scope of work shall be final.
- d) 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 contractor 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.
- e) In case the contractor fails to do the extra / substituted work, Engineer-in-Charge will have the option to get the work done through any other agency at the risk & cost of the contractor.
- b) In case of any dispute, the contractor may represent in writing to the Engineer-in-Charge.

23. **TELEPHONE**

The successful contractor shall provide the phone facility to his supervisor to facilitate HPGCL for easy communication with the contractor. The phone Number shall be intimated by the contractor immediately after the award of the contract.

24. **AUTHORIZED REPRESENTATIVE**

The firm will intimate (in writing) the name of authorized representative 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.

25. **OWNERSHIP DEED**

The firm will give ownership deed / partnership deed / proprietorship deed (as applicable) duly attested by Notary Public for record and reference of his office.

26. **Preventive Maintenance:**

Any other work relating to preventive maintenance of the equipments not mentioned in scope of work but otherwise felt necessary will also be in the scope of contractor. No extra payment on this account will be made.

27. **Short Close:**

Contract may be short closed by HPGCL at any time during the period of contract without assigning any reason by giving a notice of one month for which no compensation will be paid to contractor.

28. **Medical Examination:**

Contractor shall submit medical examination reports of every employee/ contractual staff at his own expense at the time of signing contract agreement as per clause no.25 of General Terms and conditions. The prescribed medical tests are also to be carried out on annual or bi-annual basis as per direction of statutory authority.

29. **Environment, Health and safety laws:**

The firm shall strictly follow all the Environment, Health and Safety related laws as per prescribed norms/guidelines issued by any Central/ State Govt. statutory authority from time to time.

**Executive Engineer / AHP,
For Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

STATEMENTS 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
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	Period	Reference of Contract	Order Value contract wise

10. Any other information:

Signature & Stamp of Bidder

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 / 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 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 <https://etenders.hry.nic.in>.
 - 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 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.
3. **Opening of an Electronic Payment Account:** Tender document can be downloaded online. Bidders are required to pay the tender documents fees online using the electronic payments gateway service. For online payments guidelines, please refer to the Home page of the e-tendering 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 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.
8. **Bid Preparation (Technical & Financial) Online/offline Payment of Tender Document Fee, e-service fee, EMD fees and Submission of Bid Seal (Hash) of online Bids:**
 - 8.1 The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. 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.
 - 8.2 The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.
 - 8.3 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.
 - 8.4 Submission of bids will be preceded by submission of the digitally signed & sealed bid (Hash) as stated in the time schedule (Key Dates) of the Tender.

NOTE:-

- (A) If bidder fails to complete the Online Bid 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.
- (B) 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>.
- (C) 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 online' to download the file.

**Executive Engineer / AHP,
For Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.**

Acceptance Certificate

I _____ Designation _____

of (NameoftheCompany)_____

hereby accept the terms and conditions of the NIT no.03/RGTPP/AHP-17/2026-27 .

For M/s _____

**PERFORMA OF INDEMNITY BOND TO BE EXECUTED BY THE SERVICE PROVIDER FOR THE
EQUIPMENT HANDED OVER BY HPGCL FOR
PERFORMANCE OF ITS CONTRACT
(Entire Equipment consignment in one lot)
(On non-Judicial stamp paper of appropriate Value)
INDEMNITY BOND**

THIS INDEMNITY BOND is made thisday of 20..... by a Company registered under the Companies Act, 1956/Partnership firm/proprietary concern having its Registered Office at(hereinafter called as 'Service Provider' or 'Obligor' which expression shall include its successors and permitted assigns) in favour of Haryana Power Generation Limited, (hereinafter called HPGCL which expression shall include its successors and assigns).

WHEREAS HPGCL has awarded to the Service Provider a Contract for vide its Letter of Award/Contract No. dated and its Amendment No.....and Amendment No.(applicable when amendments have been issued, hereinafter called the 'Contract') in terms of which HPGCL is required to hand over various Equipment to the Service Provider for execution of the Contract.

And WHEREAS by virtue of Terms and conditions of the said Contract, the Service Provider is required to execute an Indemnity Bond in favour of HPGCL for the
NOW THEREFORE, This Indemnity Bond witnessed as follows:

1. The Service Provider undertakes to keep HPGCL harmless against any loss or damage that may be caused to HPGCL on a/c of act by persons deployed by him.
2. The Service Provider undertakes that the Persons deployed shall be used exclusively for the performance/execution of the Contract strictly in accordance with its terms and conditions and none part of the person shall be utilized for any other works or purpose whatsoever. It is clearly understood by the Service Provider that non-observance of the obligations under this Indemnity Bond by the Service Provider shall inter- alia constitute a criminal breach of trust on the part of Service Provider for all intents and purposes including legal/penal consequences.
3. That this Indemnity Bond is irrevocable. If at any time any loss or damage occurs to the Equipment or the same or any part thereof is mis-utilised in any manner whatsoever, then the Service Provider hereby agrees that the decision of Officer-in-Charge/Engineer of HPGCL at to assessment of loss or damage to the Equipment shall be final and binding on the Service Provider. The Service Provider binds itself and undertakes to replace the lost and/or damaged Equipment at its own cost and/or shall pay the amount of loss of HPGCL without any demur, reservation or protest. This is without prejudice to any other right or remedy that may be available to HPGCL against the Service Provider under the contract and under this Indemnity Bond.
4. NOW THE CONDITION of this Bond is that if the Service Provider shall duly and punctually comply with the terms and conditions of this Bond to the satisfaction of HPGCL THEN, the Bond shall be void, but otherwise, it shall remain in full force and virtue.

IN WITNESS WHEREOF, the Service Provider has hereunto set its hand through its authorised representative under the common seal of the Company, the day, month and year first above mentioned.

Fore and on behalf of
M/s

WITNESS

- | | | | |
|----|----|-----------------|---------------------------|
| 1. | 1. | Signature | Signature |
| | 2. | Name | Name |
| | 3. | Address | Designation |
| | | | Authorised representative |
| | | | |
| 1. | 1. | Signature | |
| | 2. | Name | (Common Seal) |
| | 3. | Address | (In case of Company) |
| | | | |

* Indemnity Bonds are to be executed by the authorised person and (i) in case of contracting Company under common seal of the Company or (ii) having the Power of Attorney issue under common seal of the company with authority to execute Indemnity Bonds, (iii) In case of (ii), the original Power of Attorney if it is specifically for this contract or a Photostat copy of the Power of Attorney if it is General Power of Attorney and such documents should be attached to Indemnity Bond.

MONTHLY PAY ROLL PERFORMA

1. Name of Corporation _____
2. Name of Contractor _____
3. (a) Licence No. _____
(b) Validity expires on _____

Sr. No.	Name of engaged workers	Amount of wages	Account no. of engaged workers	ESI No. of engaged worker	EPF No. of engaged worker	ESI Contribution Cheque No.			EPF Contribution Cheque No.		
						Employer contribution	Worker contribution	Challan No.	Employer contribution	Worker contribution	Challan No.

Ash Handling System (Detail of Equipments)

Ash Slurry Disposal Pump	8Nos. (4+4) Make – Indure Warman Make Model – 10/8 in the frame ‘F’ type AH Metal lined Type – Horizontal Centrifugal Pump Number Operating – 4 Rated Capacity – 930 m³/hr Rated Speed – 590 RPM Shaft of Head – 27m Specific gravity of Slurry – 1.15 No. of Pumps in series – 2
Motor	Rated output of motor 140 KW Power – 140 KW
Bottom Ash Overflow Pump	04 nos. (2+2) Make – Indure Warman Make Model – 8/6 in the frame ‘E’ type AH Metal lined Type – Horizontal Centrifugal Pump Rated Capacity – 320 m³/hr Shaft of Head – 27m
Motor	Power – 18.5 KW
Drain Pumps	10 nos. Make – Indure Warman Make Model – 65 QV SP Type – Vertical Rated Capacity – 25 to 50 m³/hr Shaft of Head – 10 to 25m
Motor	Power – 7.5 KW
High Pressure Water Pump	05Nos. Discharge -490 m³/hr Make – Kirloskar Brothers Ltd. Model – UP 150/53 Type – Horizontal split casing Head - 90 m Coupling Type – Flexible Pin and Bush Coupling Make and size – Rath
Motor	Power – 175 KW Make – ABB 315 L R.P.M. – 1485
Low Pressure Water Pump	4 Nos. Discharge – 635 m³ /hr Make – Kirloskar Brothers Ltd Model – UP 250/30 Type – Horizontal split casing Head – 20m Coupling Type – Flexible Pin and Bush Coupling Make and size – Rath
Motor	Power – 55KW Make – ABB 250 M R.P.M. – 1450
Ash Water Recovery Pump	2 + 1 Nos. Discharge – 560 m³ / hr Head – 42m Make – KBL Model – BHR35-30°/2 Stage
Motor	Power – 90 KW
Pump (1 No.)	Discharge – 560 m³ / hr Head – 42m Make – KBL Model – BHR35-30°/2 Stage
Motor	Power – 75 HP

Economizer Water Pump	4 Nos.
Pump	Discharge – 45m ³ /hr Model- SCT50/38 Type- Horz. Split Casing Make – KBL Head – 40m Coupling Type – Flexible Pin and Bush Coupling Make and size – Love Joy/ Rathi
Motor	Power – 11KW Make – ABB/ SC160M R.P.M. – 1460
Vacuum Pump Size- Description	20 Nos. (10No. in each Unit) Make – Vacuum Air Engineering Co. Pvt. Ltd. Type – Liquid Ring Size – 140 R.P.M. 495 V- Belt, SPC – 3750, Fenner, 4 Nos. Capacity – 2980m ³ /hr Vacuum – 400mm Hg/ 16” Hg
Motor	Power – 75KW R.P.M. – 1440
HMDC Water Pump (Conditioning Water Pump) Description	03 Nos Make – Kirloskar Brothers Ltd. Model – KPD 65/43, Type – Horz.End Suction Back Pull out Capacity – 70m ³ /hr Head – 50m Coupling Type – Flexible Coupling Make – Love joy/ Rathi
Motor	Power – 22KW Make – ABB HX 180ML RPM – 1450
Seal Water Pump - Description	3 Nos. Make – Kirloskar Brothers Ltd. Model – KPD 25/26A, Type – Horz.End Suction Back Pull out Capacity – 12m ³ /hr Head – 60m Coupling Type – Flexible Coupling Make – Love joy/ Rathi
Motor	Power – 7.5KW Make – ABB HX 132SM RPM – 2900
Instrument Air Compressor -	3 Nos. Type – Reciprocating Make – Ingersoll Rand Model- 10 & 6x7 PHE 7 No. of Stages – 2 No. of Cylinders – 2 Speed – 516 RPM Free Air Delivery – 450M ³ /hr Discharge Pressure- 8 Kg / cm ² Type of Cooling – Water cooled
Motor	Power – 55 KW RPM – 1500 Make – ABB Details of Drive arrangement-V – Belt drive

Transport Air Compressor -	8 Nos. Type – Screw Make – Atlas Copco India Ltd. Model – ZA-6M-250 Speed – 516 RPM Capacity – 6710M ³ /hr Discharge Pressure- 2.5 Kg / cm ² Type of Cooling – Water cooled	
Motor	Power – 425 KW RPM – 1485 Make – ABB	
Dryer for transport air - compressor	4 Nos. Type- Refrigerated Make- Delair India Pvt. Ltd. Model- FDI-LP-7500W (SP) Capacity- 6710 M ³ /hr Working Pressure- 2.50 kg/cm ² TON of refrigeration- 30 Tr. Power- 28.8 KW	
3 No. Ash disposal lines of pipe dia 400mm and thickness 9.52 mm Total length of 3 no. Ash disposal lines up to Ash dyke		=16 Km (approx.)
1 No. Ash water recovery line of dia 450mm and thickness 6.35mm Total length of Ash recovery water line		= 4 Km (approx.)
1 no. extra AWR line of 75 HP pump of various diameter		= 4 km (approx.)
06 nos. Dry Fly Ash Conveying lines of various diameter		=6 km (Approx.)
Capacity of dry fly Ash silo (4 No.)		= 1500T Each.
Capacity of Ash water recovery pump (3 No.)		= 560 M ³ /Hr Each.
1 no. 75 HP pump at Ash water recovery area		= 1 no.
Bottom Ash hopper		= 1 No. per unit
Economizer Hoppers		= 6 Nos. per unit
Air Pre heater Hoppers		= 8 Nos. per unit
ESP hoppers		= 128 Nos. per unit
Chimney hopper		= 1 No. per unit
Intermediate Surge hopper		= 2 No. (100T each) per Unit.
Hydro ejector system for front/second field hoppers of both units		= 12 nos. for both units
Surge tank, settling tank with sludge pumps		
PLC ALLEN BRADELY		= Rockwell Automation make

**Executive Engineer / AHP,
For Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar**

TECHNICAL CHECK LIST FORMAT

(To be filled/ uploaded online only)

Sr. No.	Technical Specification	Bidder Response (Yes or No)
1	Tender cost with e-service fees	
2	Earnest Money Deposited	
3	Documentary Evidence regarding Qualification Criteria:	
i	a. The firm who has successfully carried out the erection, testing & commissioning of any Automated PLC controlled Ash Handling System (Wet & Dry) of generating unit of 250 MW & above and should have minimum one year experience in its O&M in the proceeding 07 years. OR The bidder should be Original equipment manufacturer /supplier (OEM/OES) or a registered vender of HPGCL, as per vender registration policy for the specific category of the work/ purchase. OR The firm who has minimum 2 years' experience of Operation & Maintenance work of similar* Automated PLC controlled comprehensive Hydro-Pneumatic (Wet & Dry) Vacuum based Ash Handling System of 250 MW & above generating unit in the preceding seven years ending last day of the month previous to the month in which applications are invited having minimum order value as under:- <i>Single order of the value not less than Rs.3.46 Cr.</i> <i>Or</i> <i>Two orders of the value not less than Rs.2.16 Cr. each.</i> <i>Or</i> <i>Three orders of the value not less than Rs. 1.73 Cr. each.</i> The authentic documentary evidence in support of their claim of having said experience and turnover should be enclosed in technical bid for consideration of their tender. 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 a copy of a performance certificate/ repeat order from the same organization if any *Note: Similar work means Operation & Maintenance work of Automated PLC controlled comprehensive Hydro- Pneumatic (Wet & Dry) Vacuum based Ash Handling System of generating unit of 250 MW & above.	
ii	Documentary Proof for Turnover Certificates as prescribed in NIT.	
iii	The firm should be 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.	
4	Documentary Proof for Permanent EPF and ESI Registration number from Provident Fund Commissioner. Documentary Proof for GST number and PAN. Statement of bidders as per Annexure-.VI. Acceptance of all terms & conditions of tender Annexure-VIII	
5	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.	
6	Authority letter in the name of the Authorized Person who has signed the Tender Document / Price Bid on behalf of the Contractor / Company.	

Signature and stamp of Firm

PRICE BID

(To be filled/ uploaded online only)

Item No.	Description of Activity (Ash Handling System) for Unit 1& 2 of 2X600MW RGTPP Khedar Hisar	1 st year rate	2 nd year rate	3 rd year rate
		Lump sum rate to be quoted for the following three systems per month excluding GST (In Rs.)	Percentage escalation for 2 nd year on the basic rate of 1 st year i.e A (In %)	Percentage escalation for 3 rd year on the basic rate of 2 nd year i.e B (In %)
		A	B	C
1.	Operation & Maintenance of Wet Ash System, Ash Water Recovery System and Dry Ash System including Ash Silo System			

Note for the bidder: -

- 1. The firm is required to quote the rates strictly as per this rate quoting sheet format only.
- 2. The firm shall quote rate excluding of GST / tax as applicable i.e. only basic rate.
- 3. The GST/tax shall be paid extra as applicable from time to time.
- 4. L-1 will be decided on basis of total for all 03 years, but for payment/penalty purpose weightage of different system will be as under:-

Sr. No.	Description of activity	Weightage
1.	O&M of wet ash system	37% of lump sum quoted rates for O&M charges
2	O&M of Ash Water Recovery System	3% of lump sum quoted rates for O&M charges
3.	O & M of dry ash system including ash silo system	60% of lump sum quoted rates for O&M charges

Executive Engineer / AHP,
For Chief Engineer / RGTPP,
HPGCL, Khedar, Hisar.