

PANIPAT THERMAL POWER STATION
(A Unit of Haryana Power Generation Corporation Limited)

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

Corporate Identity No. U45207HR1997SGC033517

Website:- www.hpgcl.gov.in



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

TENDER DOCUMENT

FOR

**Purchase of torrefied Biomass Pellets Feasibility study of co-firing of
Biomass Pellets with coal in Unit-7 or Unit-8at PTPS, Panipat.**

E-NIT No.:Ch-07/F-538/Fuel

Dated: 05.04.2023

CHIEF ENGINEER
PANIPAT THERMAL POWER STATION,
HPGCL, PANIPAT



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

HARYANA POWER GENERATION CORPORATION LIMITED

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

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.gov.in

Email xenfuel.ptps@hpgcl.org.in

Telephone No. 0180-2566376

Fax No. 0180-2566376

INDEX

Sr. No.	Description	Page No.
1.	ONLINE NOTICE INVITING TENDER	3
2.	INFORMATION REGARDING ONLINE PAYMENT	4
3.	INSTRUCTIONS TO BIDDER ON ELECTRONIC TENDERING SYSTEM	5-6
4.	SCOPE OF WORK	7
5.	GENERAL INSTRUCTION FOR TENDERER	8-9
6.	GENERAL TERMS & CONDITIONS	10-13
7.	LABOUR LAWS	14-15
8.	STATEMENT OF BIDDER	16
9.	ACCEPTANCE CERTIFICATE	17
10	TECHNICAL BID CHECK LIST FORMAT	18
11.	RATE QUOTING SHEET	19



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ONLINE NOTICE INVITING TENDER

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

NIT No. Ch-07/F-538/Fuel	Dated: 05.04.2023
Description of Item	Purchase of torrefied Biomass Pellets for feasibility study of co-firing of Biomass Pellets with coal in Unit-7 or Unit-8 at PTPS, Panipat.
Estimated Amount	Rs. 48,82,000 inclusive of GST
Start date and time of tender uploading	05.04.2023 at 18:00 Hrs
Last date for submission of tender	04.05.2023 at 13:00 Hrs
Tender Opening (Part-I)	10.05.2023 at 15:00 Hrs
Tender Fee (Non –refundable)	Rs.1180/-
e-service Fees (Non –refundable)	Rs.1180/-
Earnest Money	Rs. 98,000 /-
INFORMATION REGARDING ONLINE PAYMENT	As per Annexure-A
INSTRUCTIONS TO BIDDER ON ELECTRONIC TENDERING SYSTEM	As per Annexure-B
SCOPE OF WORK	As per Annexure-C
GENERAL INSTRUCTION FOR TENDERER	As per Annexure-D
GENERAL TERMS & CONDITIONS	As per Annexure-E
LABOUR LAWS	As per Annexure-F
STATEMENT OF BIDDER	As per Annexure-G
ACCEPTANCE CERTIFICATE	As per Annexure-H
TECHNICAL BID CHECK LIST FORMAT	As per Annexure-I
RATE QUOTING SHEET	As per Annexure-J



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Annexure-A

Information Regarding Online Payment of Tender Document, eService & EMD Fee.

The Bidders can download the tender documents from the Portal: <https://etenders.hry.nic.in>.

The Bidders shall have to pay for the Tender documents, EMD Fees & eService 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**.

- 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) Firms borne on the HPGCL’s approved list of suppliers which may have made a permanent earnest money deposit of Rs.10.00 Lakh at the respective Project/office of HPGCL, if they quote the Registration number given by the respective project/office of HPGCL in their tender papers.

The Tenderers 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	05.04.2023 18:00 Hours	04.05.2023 13:00 Hours
2	Technical Opening (Part-I)	-	10.05.2023 15.00 Hours	---
3	Short listing of Technical bids & Opening of Financial Bid		Will be intimated to the firms on their E-mail	



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Annexure-B

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 eProcurement 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://haryanaeprocurement.gov.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.

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 Payment of Tender Document Fee, eService 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.

The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.

8.2 The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid).

The bidders shall quote the prices in price bid format.

8.3 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 Preparation & Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.
- (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 'System Requirement' to download the file.

Executive Engineer/Fuel,
for Chief Engineer/PTPS,
HPGCL, Panipat.



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Annexure-C

1. Scope of Work

- i) The scope of the work of the firm shall include supply of torrefied biomass pellets at PTPS, Panipat for co-firing in coal based thermal power station of M/s HPGCL located at approx. 10 km from Panipat (Haryana).
- ii) The firm shall supply the pellets in loose from filled in the carriage vehicle i.e. trucks /dumpers (duly covered by tarpaulins) and these shall be unloaded in the power plant at the area identified by Chief Engineer/PTPS for this purpose.
- iii) The biomass pellets supplied shall primarily be made of rice straw or paddy stubbles (agro residues) source from Haryana and these shall adhere to the technical requirements indicated in this specification.
- iv) The total quantity of biomass pellets to be supplied by the firm during delivery period shall be 450MT (+10%) . Firm will be allowed maximum of 2 week preparation time for supply of pallets to PTPS after the date of requirement (i.e. when asked to supply) given by Engineer-in-charge.
- v) The delivery period will be 30 days after issue of LOI/WO and quantity supplied shall be as per requirement of PTPS
- vi) The consignment of biomass pellets shall be transported and delivered at the PTPS by trucks/dumpers duly covered by tarpaulins.

2. RAW MATERIALS & PELLETISATION PROCESSES

Raw Materials

For manufacturing of torrefied biomass pellets, the raw materials to be used shall primarily be the surplus agro residue/ crop residue which remain unutilized after harvesting the crop and is otherwise being burnt by the farmers in the field. The firm will submit the proof of procurement of base material required for manufacturing of Biomass pellets from Haryana duly certified by the Block Development Officer/Revenue Officer (Not below the Rank of Naib Tehsildar/SDO Agriculture/Patwari/Gram Sachiv. Natural additives/ binder such as lignin, starch, animal dung etc. can be used for manufacturing pellets, if required, by the process.

The details of biomass components and natural additives/ binder (if any) likely to be used in manufacture of pellets along with their proportions shall be indicated by the bidder in his offer. Further, each consignment to be supplied shall indicate the actual material components & their proportions used in manufacture of biomass pellets. PTPS reserves the right to exclude any base material/ additive/ binder or modify their proportion, if any adverse impact of the base material/ additives/ binder is found on boiler in long run.

3. Palletization and Torrefaction Processes

3.1 Palletization

A typical description of palletization process for agro/ crop residue-based biomass is indicated as below:

Biomass (agro/ crop residue) collected from fields / farmers shall be cleaned of soil etc.and shredded to get adequate size material. In case of high moisture content, the shredded material shall be dried to the extent of acceptable moisture level. The dried biomass shall be passed through a screening process to remove bigger size biomass material to be conveyed back to pre-shredding process. The screening system may have magnets also to remove metal particles.

The screened dried biomass shall be collected in the hopper placed above hammer mill through bucket elevator. Hammer mill/ grinder shall reduce the biomass to adequate particle size say to less than 2 mm. The biomass from the hammer mill/ grinder shall be pneumatically transferred to a cyclone filter to remove dust particles. The dust free biomass shall be conveyed to the screw feeder to transfer the feed into pellet mill consisting of perforated die of specified diameter holes. The pellets shall be cut to the required size by the cutter attached to the pellet mill. The densified hot biomass pellets, having temperature in the range 80- 1000C, shall be transferred to cooler via drag chain conveyor and shall be cooled by blower or sucking the cold air from the atmosphere. The cooled pellets shall then be transferred to vibrating Screen for removing the fines/ crumbled pellets to be sent back to the hopper above the pellet mill. The proper sized screened pellets shall be collected into storage hopper/ silo through bucket elevator for subsequent transportation to the power plant.

3.2 Torrefaction

A typical description of torrefaction process for agro/ crop residue-based biomass is indicated as below: Technical specification of agro residue-based bio-mass pellets (non- torrefied/ torrefied) for co- firing in coal based thermal power plants. Torrefaction refers to roasting, slow- and mild-pyrolysis, cooking and high-temperature drying of the biomass in a temperature regime between 200 and 3000C under an inert atmosphere. It induces depolymerization and devolatilization of hemicellulose. Major products of biomass torrefaction are solid torrefied biomass and volatiles with Composition and yield of products depending on torrefaction temperature, holding time, and biomass physical & chemical properties. Torrefied biomass is brittle and hydrophobic with improved physical and chemical properties such as grindability, storage stability, energy density and has the potential to significantly reduce the cost of transportation, storage, and downstream processing.

Torrefaction process shall involve pre- drying the shredded biomass by heating upto about 1000C to evaporate physically bound water. Post- drying and intermediate heating shall be carried out between 100 and 2000C, removing chemically bound water as well as light organic fractions. Further heating will be carried out in the temperature range about 200 to 3000C with adequate holding time for decomposition & release of various volatile species with high oxygen contents. The remaining solid product called torrefied biomass shall mainly comprise of cellulose and lignin and characterized by increased brittleness, hydrophobicity, microbial degradation resistance, and energy density.

4. TECHNICAL PARAMETERS

The manufacturer/ supplier will guarantee the technical parameters of biomass pellets as given in the Table- 1 below:

Table: 1 Technical specification for biomass pellets (torrefied).

1	Technical Data	Unit	Guaranteed Value Range
1	Base material	-	Rice Straw/Paddy Stubble
2	Diameter	Mm	Not more than 25 mm
3	Length	mm	Not more than 50 mm
4	Fines	Weight%	fines ≤ 5%
5	Gross calorific value (ARB*)	Kcal/Kg	Torrefied pellets 4500 ± 100
6	Moisture (ARB*)	Weight%	Not more than 9%
7	Ash (ARB*)	Weight%	Not more than 35%
8	Hardgrove Grindability Index (HGI)	-	50 or more

The above indicated characteristic parameters of the pellets are intended to be adhered to and maintained by the manufacturer/ supplier. No price adjustment shall be done for the pellet supplies

made as per above specification. The price adjustment shall be made for variation of key technical parameters from the specified values as described in subsequent clauses of this specification.

5. ACCEPTANCE RANGE OF KEY TECHNICAL PARAMETERS

In case consignment of biomass pellets does not meet the guaranteed parameters as given in Table- 1 above for GCV, moisture content, ash content and fines%, but are within the acceptable limit as given in Table 2 below, the consignment shall be accepted but with pro rata price/ quantity adjustment as described in subsequent clauses of this specification.

Table 2: Acceptance range of key technical parameters (on as received basis) with price/ quantity adjustment

Sr. No.	Technical Data	Unit	Acceptance range without price/quantity adjustment	Acceptance range with pro-rata price /quantity adjustment
1	Gross calorific value	kcal/kg	4500±100	Torrefied pellets:* GCV < 4400 & 4600 < GCV ≤ 5200
2	Moisture	Weight%	Not More than 9%	9% < Moisture ≤ 14%
3	Ash	Weight%	Not More than 35%	Ash > 35%
4	Fines% (Length<3mm)	Weight%	Not More than 5%	Fines > 5%

* GCV shall not be less than 3600 kcal/kg

6. ADJUSTMENTS FOR VARIATION IN KEY TECHNICAL PARAMETERS

6.1 Price Adjustment for Gross Calorific Value (GCV)

6.1.1 If consignment of biomass pellets does not meet the guaranteed parameters for gross calorific value (ARB) but is within the acceptance range as given in Table- 2 above, the consignment shall be accepted with pro rata upward or downward price adjustment as calculated using following formula:

For torrefied pellets: $Adjusted\ price = [Quoted\ price \times GCV\ (ARB)] / 4500$

6.1.2 Upward price adjustment shall be done maximum up to 5200 kcal/kg GCV (ARB) for torrefied pellets, beyond these values, upward price adjustment shall not be done even if supplier supplies pellets of higher GCV.

6.2 Quantity Adjustment for Moisture

6.2.1 If consignment of biomass pellets does not meet the guaranteed parameter for moisture (ARB) but is within the acceptance limit as given in Table- 2 above, the consignment shall be accepted but with pro rata quantity adjustment (weight correction) as calculated using following formula:

Weight correction factor on account of moisture (M) –

$$M = \{100 + X - \%1\ Moisture(ARB)\} / 100$$

Where X is the moisture percentage as per specification = 9%.

6.2.2 Weight correction on account of moisture (ARB) shall be done only if it lies in range of 9 % < Moisture (ARB) ≤ 14%.

6.2.3 For moisture (ARB) less than or equal to 9%, no weight correction shall be done.

6.2.4 For moisture (ARB) more than 14%, the consignment of biomass pellets shall be rejected.

6.2.5 Further, final corrected weight on account of both moisture as well as ash shall be calculated as given in clause 6.4.

6.3 Quantity Adjustment for Ash

6.3.1 If consignment of biomass pellets does not meet the guaranteed parameters for ash content (ARB) but is within the acceptance limit as given in Table- 2 above, the consignment shall be accepted but with pro rata quantity adjustment (weight correction) as calculated using following formula:

Weight correction factor on account of ash (A) –

$$A = \frac{100 + Y - \% \text{ Ash content (ARB)}}{100}$$

Where Y is the Ash percentage as per specification = 35%.

6.3.2 Weight correction on account of ash content will be done only when ash content (ARB) of biomass pellets is more than 35%.

8.3.3 For ash content (ARB) less than or equal to 35%, no weight correction shall be done.

6.4 Corrected Weight of the Consignment

If W is the weight of consignment supplied, then final corrected weight on account of both moisture and ash corrections shall be calculated as below:

$$W_{corrected} = W \times M \times A$$

Where,

M = Weight correction factor on account of moisture (M)

A = Weight correction factor on account of ash (A)

The corrected weight ($W_{corrected}$) of the consignment and adjusted price for GCV of the biomass pellets as worked out above shall be considered for the payment to be made to the supplier.

6.5 Recovery on Account of Excess Fines in Consignment

6.5.1 Biomass dust, crushed/ broken/ damaged pellets of length less than 3 mm in consignment as received at owner's power plant shall be treated as fines and there shall be recovery on account of excess fines (ARB) if it is beyond 5%. The recovery on account of excess fines shall be worked out as per the following formula:

Recovery = $\frac{1}{4} \times (\text{adjusted price of Biomass pellets}) \times W_{corrected} \times \text{Excess weight \% of fines}$ 6.5.2 This amount shall be recovered from the payment of that consignment.

7. REJECTION LEVEL

7.1 The consignment of biomass pellets arrived at Utility shall initially be tested for following before unloading and shall be rejected in case any of the following parameters exceed the rejection level given in Table-3 below:

Table 3: Rejection Level

Sr. No.	Technical Data	Unit	Rejection Level
1	Moisture (As Received Basis)	Weight %	More than 14%.
2	HGI	-	Less than 48

* Applicable for torrefied pellets.

7.2 The GCV of rice straw and paddy stubbles pellets supplied to the power plant shall not be less than 3600 kcal/kg in case of torrefied type pellets. If supplier is found to frequently supply the material of GCV less than the above values as found in test report of PTPS lab or supplier is found to take deviations in other technical parameters like size, base material etc., warning letter shall be issued to supplier or contract may also be cancelled if supplier continues to do so even after issuing warning letter.

8. TESTS, STANDARDS AND SAMPLING

8.1 Testing Standards/ Methods

Biomass pellets sample shall be tested for various parameters in owner's power plant site lab as per following or equivalent standard given in the Table- 4 below:

Table- 4 : Testing and Standards

Sr.No	Technical Data	Testing Standard/Method
1	Dimensions/ Diameter & length	ISO 17829 or equivalent method may be referred.
2	Fines% (ARB*)	ISO 18846 or equivalent method may be referred.
3	Gross calorific value (ARB*)	IS 1350 or equivalent method may be referred
4	. Moisture (ARB*)	IS 1350 or equivalent method may be referred (hand held moisture meter may also be used).
5	Ash (ARB*)	IS 1350 or equivalent method may be referred
6	. HGI	ISO 5074 or equivalent method may be referred.

8.2 Sampling Analysis at Loading End (Supplier Side)

8.2.1 Each consignment should be accompanied by general details (such as name of company/firm/agency, address, date of dispatch, batch number, vehicle type and number, weight of consignment etc.) and technical details which shall contain the values of all parameters specified in Table-1 above in the format enclosed as Annexure-1.

8.2.2 The charges incurred on account of sampling analysis at loading end shall be borne by the supplier.

8.3 Sampling and Analysis at Receiving End (Owner Side/PTPS Side)

8.3.1 10 kg or appropriate amount of sample shall be collected from each carriage vehicle/ consignment on random basis either prior to unloading or during unloading or after unloading or from conveyor belt or as per methodology mutually agreed between supplier(s) and the owner.

8.3.2 The authorized representative(s) of owner and supplier will jointly witness the process of sample collection and preparation of the laboratory samples. All representatives shall put their signature on the sample tags as evidence of the process of sampling. Testing process may also be witnessed by representative of supplier.

8.3.3 Before unloading, samples shall be tested for moisture and constituent particle size distribution (or HGI). If any of these values come out to be beyond the rejection level as given in Table- 3 above, the consignment shall be rejected and it shall be the supplier's

8.3.4 The owner shall arrange for determination of fines part of pellets as per durability test at his plant site and fines proportion of biomass pellets shall be assessed and if fines percentage exceeds more than 5%, proportionate recovery shall be done for excess fines as per clause 6.5 above.

8.3.5 The collected sample shall be distributed in three parts as below:

Part-1: For test and analysis in owner's power plant lab.

Part-2: Shall be handed over to supplier/ supplier's representative.

Part-3: Shall be the referee sample which will be sealed and the representatives from both sides shall put their signature on the sample tag. The sealed referee sample shall be kept in a safe box/almirah at owner's plant site.

8.3.6 Part-1 sample shall be tested for GCV, moisture, ash content, fines and particle size distribution/ HGI etc. regularly which shall be used for quantity/ price adjustment, payment purpose and also to ascertain rejection parameters. Analysis report by supplier shall be treated as indicative only.

In case, supplier is supplying more than one carriage vehicle/ consignment in a day, a composite sample (Part-1, Part-2 and Part-3) for whole day may be prepared by mixing appropriate number of samples collected from different carriage vehicles/ consignments which shall be used for quantity/ price adjustment and payment purpose. However, the rejection parameters shall be ascertained by testing samples only from individual carriage vehicle/ consignment.

8.3.7 Test report by the owner shall be sent to supplier after sample testing through e-mail. In case, supplier is not satisfied with the test results of owner which is being used for price and quantity adjustment, the sealed referee sample (Part 3) kept at owner's plant site in safe box/ almirah,

shall be tested in a NABL accredited laboratory as notified by owner from time to time, expense of which shall be borne by supplier and shall be adjusted against payment of consignment. NABL accredited laboratory report of referee sample shall be final and binding on both the parties.

8.3.8 The referee sample be used only in case of conflict in quantity and price adjustment, whereas, in case of rejection of consignment due to moisture (ARB) and particle size distribution (or HGI), owner's plant lab test results shall be treated sufficient for rejection and no further third-party test of referee sample shall be carried out.

8.3.9 In case supplier fails to provide its representative for witnessing the sampling process, owner's lab report shall be final. No third-party test shall be carried out in such case.

8.3.10 Further, in case, owner fails to perform sampling of consignment due to any reason attributed to him, the test report of supplier sent with consignment shall be treated as final for payment.

8.3.11 No claim regarding quantity/ price adjustment shall be entertained after 15 days of owner's lab test report sent to supplier through e-mail by the owner.

Appendix- 1

Details to be furnished with each consignment during dispatch

General Details		
Sr No.	Description	Particulars
1	Name of company/ firm /agency
2	Address of manufacturing location
3	Type of biomass pellets Torrefied	Torrefied
4	Date of dispatch
5	Batch number
6	Carriage vehicle type/ number
7	Weight (Gross weight/Tare Weight/Material Weight) in Kg
8	(Any other details as applicable)

Technical Details

		Unit	Guaranteed Value	
1	Base material(s) and their approximate % proportion		Name of base material(s)	approx. % proportion
2	Details of binder/ additives		Name of additives/ binder	approx. % proportion
3	Dimension	mm	(Fill Shape & Size of material)	
4	Fines% (ARB*) (length< 3 mm)	Weight %		
5	Gross Calorific Value (ARB*)	kcal/kg		
6	Moisture (ARB*)	Weight %		
7	Ash (ARB*)	Weight %		
8	Hardgrove Grindability Index(for torrefied pellets)(HGI)			
Place:	Date :	Name/ Designation	Signature:	



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Annexure-D

GENERAL INSTRUCTIONS FOR TENDERER

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

(A) Qualifying Conditions: -

The bidder must have experience of having successfully executed Work Order (s)/Purchase Order in HPGCL/NTPC/any SEBs/any PSU/any Corporation/Central Govt./State Govt./ Semi Govt. or any Thermal/Hydel Plant and have average annual turnover and other eligibility condition as given below.

Tender shall be considered of those firms, who have already successfully executed the Work Order(s)/PO's for the same or similar type of work during last 5-years last day of the month previous to the month (i.e. ending 31.03.2023) in which applications are invited having minimum order value as under:

Single order of the value not less than Rs. 39.00 Lakh inclusive of GST.

or

Two orders of the value not less than Rs.24.41 Lakh each inclusive of GST.

or

Three orders of the value not less than Rs.19.53 Lakh each inclusive of GST.

(B) Turnover:

Bidders must have average annual turnover in last 3 consecutive financial years ended prior to the financial year in which the applications are invited shall not be less than Rs.97.64 Lakh. The bidder must specifically mention the turnover against the activities covered under the scope of this tender.

Note: - Income other than scope of this tender shall not be considered for arriving at annual turnover.

In case where audited results for the last preceding financial year are not available for determining the average annual turnover, certification of financial statements from a practicing Chartered Accountant shall be considered acceptable.

The bidder presently working in the Thermal Power Stations (TPSs) of Haryana Power Generation Corporation Limited (HPGCL) as coal agent or CHP/O&M contractors are not eligible to participate in this tender. The bidders shall give an affidavit to this effect that they or their sister concern/group company/subsidiary are not presently working in HPGCL TPSs as coal agent or CHP/O&M contractors.

The bidder, whose performance of sampling work in plants of HPGCL is not satisfactory during last 5-years, will not be considered irrespective of their performance in NTPC/any SEBs/any PSUs/any Corporations/Central Govt./State Govt./Semi Govt. or in any Thermal Plant.

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

- a) The bidder should possess GST Number and copy of the same to be attached with e-NIT. All prospective bidders to submit copy of Registration Certificate under GST Act.
- b) Bidder will have to submit following undertakings on its letter head:
 - (i) That GST Registration is valid as on date.
 - (ii) That no default has ever been made by bidder in filing the various GST returns and deposit of GST dues with the department.

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

- c) The bidder should have valid license under contract labour regulation and abolition Act-1970 from labour department Haryana or should give an undertaking that he will get himself registered within 15 days if work is allotted to him.

The firm should have valid EPF No., ESI code No. and should be registered with labour Commissioner of Haryana and follow ESCROW Account regulations (if applicable) OR the firm has to obtain all the required registration within 2 months from the date of issue of LOI.

Note: - For verification in respect of qualifying criteria, the firm has to submit attested copies from Notary Public.

Notes: -

- i. A committee nominated by HPGCL shall evaluate all the bids for fulfillment of qualifying criteria.
 - ii. Originals of any / all documents submitted by bidders while tendering, may be asked for verification at the time of evaluating the tender or anytime thereafter.
 - iii. Decision of HPGCL regarding fulfillment of pre qualification requirement shall be final and binding upon the bidders.
2. Before submitting tender online 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 parts, he shall clarify same from tender issuing office in writing before the due date of submission of the bid.
 3. The "Application for Bidding" along with the "Terms and conditions of the contract and its all Annexure should be submitted duly filed up completely and signed on each page by the tenderer online. Work offered should be strictly according to the specifications of scope of work and to the terms & conditions of the NIT. Unless a deviation from the specifications and terms and conditions given in NIT is pointed out by the tenderer specifically, it will be presumed that offer/ Tender conforms to the specifications and terms and conditions as laid down in NIT.
 4. The tenderers shall submit their tender in two parts- the first part containing documents for qualifying criteria, technical specification, schedule of deliveries, and all other terms and conditions except the rates (price bid), and the second part containing the rates (price bid) quoted for each item as well as other related terms like freight, GST, price escalation, etc.
 5. All tenders received against this 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 Qualifying as well as other tender conditions and specifications.
 6. 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.
 7. The validity of the tender/offer shall be for 90 days from the date of opening of the price bid.
 8. The rate negotiations could be held up to L3 bidder, if the difference between the L1 quoted rates and those quoted by L2 and L3 is within 5% of L1 quoted rates. In case where the L1 bidder refuses to further reduce his offered price and L2 or L3 bidders comes forward to offer a price which is better than the price offered by L1 bidder, the bidder whose price is accepted becomes L1 bidder. However, in such a situation, the original L1 bidder shall be given one more opportunity to match the discounted price. In case of acceptance, he would be treated as L1 bidder.
 9. No deviation shall be allowed. However, in case of deviation of taxes etc., the same be loaded for comparison purpose.
 10. 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.
 11. The bidder shall bear all costs including bank charges, if any, associated with the preparation and submission of his bid, and HPGCL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
 12. CE/PTPS, HPGCL, Panipat 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 and will not be responsible and will not pay for any expenses or losses that may be incurred by the tenderers in preparation of the tenders.
 13. **INSPECTION OF SITE OF WORK**
Before tendering, the tenderer is advised to inspect the site of work, the environment & get acquainted with the actual work & other prevalent conditions, facilities available. No claim will be entertained later, on the ground of lack of knowledge.
 14. The whole work against this tender shall be awarded to a single firm whose overall quoted/equated prices are lowest for the complete package.
 15. The bidders shall supply partnership deed in case of partnership firm and Memorandum of Association and Article of Association in case of a company.

Executive Engineer/Fuel,
for CE/PTPS, HPGCL, Panipat.



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

HARYANA POWER GENERATION CORPORATION LIMITED

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

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.gov.in

Email xenfuel.ptps@hpgcl.org.in

Telephone No. 0180-2566376

Fax No. 0180-2566376

Annexure-E

GENERAL TERMS & CONDITIONS

1. **Period of contract:** The contract period will be valid for six months from the date of issue of LOI/Work order and torrefied pallets are to be supplied within 30 days after issue of LOI/WO, as and when required by PTPS Panipat. Firm will be allowed maximum of 2 week preparation time for supply of pallets to PTPS after the date of requirement given by Engineer-in-charge.
2. The firm shall deposit the earnest money of Rs. 98000/- online as per provision of e-NIT.
3. **Contractual obligations/ responsibility :**
 - i) The work will be executed to the satisfaction of Engineer-in-charge of the office of Xen/Fuel, PTPS, HPGCL, Panipat.
 - ii) The firm shall provide safety protection to its staff while working.
 - iii) It shall be the responsibility of the firm to keep his staff in the specified area only, strict action would be taken against the staff and the firm, if found at other places or indulging in unlawful activities.
 - iv) The firm will have to strictly adhere the rules and regulations laid down by the PTPS time during the contract period.
 - v) The firm shall be responsible for issue of gate pass for the staff and transportation carriage engaged by him.

4. Security Deposit:

- I. The contractor shall deposit the security equal to 10% of the total value of the work order with Sr. A.O./PTPS, HPGCL, Panipat within 07 days of receipt of work order, otherwise the security deposit amount will be deducted from the first payment bill of the contractor. No Claim shall be entertained against HPGCL in respect of interest or any depreciation in the value of security deposit.
- II. 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.
The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks
- III. 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 security deposit furnished by the contractor.
If the work order has been issued but the contractor refuses to comply with it, the EMD deposited by contractor shall be forfeited in full, irrespective of Whether HPGCL sustains any loss on account of his default or not.

The forfeiture of 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.

In the event of breach of contract in any manner, the security deposit shall be forfeited and adjusted against the claim of HPGCL on the contractor for any damages or for any loss sustained by HPGCL on account of such breach.

5. Payment Term

- i) 100% payment will be released after completion of work. The contractor will submit his bill along with all supporting documents in triplicate as per rate above to the Engineer-in-charge who after getting will be verified shall pass on to the account wing for payment.
- ii.) All payment shall be made through Cheque/RTGS by Sr.A.O./PTPS. The firm will submit the complete bank details such as Bank Account no., IFSC code, MICR code along with cancelled cheque

- iii) Recovery of income tax at the applicable rate will be made from the contractor bill.
- iv.) On successful completion of the contract in all respect security shall be refunded to the contractor after deducting all cost and expenses that HPGCL would have incurred due to the fault of the contract.
- v) Payment will be made on actual basis of work carried as per satisfaction of Engineer-in-charge .

6. Penalty Clause

Consignment received after the date on which they were actually due according to the terms of the Purchase Order, shall be accepted by the consignee with delayed supply penalty. In case the delayed supply, the supplier shall liable to pay penalty @0.5% per week or part thereof of the value of the goods delayed /undelivered, subject to maximum of 5% of the Contract/PO value.

7. Force Majeure

PTPS may consider the request for reasonable extension of completion period of work, without levy of the damages for delay/penalty, due to strike, lock out, natural calamities, commissions/ omission on the part of the PTPS and labour problems which are beyond the reasonable control of the contractor etc.

8. Failure & Termination of contract

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

- a) To cover damages as per penalty clause mentioned at Sr. No.6 above if the said delay is not covered by the force majeure reasons.

OR

- b) To get the work done from any other agency after serving a notice of 03 days on the contractor at his risk and cost and without prejudice to the provision of the work order.

OR

- c) To cancel the contract & forfeit the security.

9. Facilities to be arranged by Contractor

The Contractor shall make his own arrangement for providing all facilities like boarding, Camera etc. for his supervisors/ workers engaged by him for the job.

10. Income Tax & Sales Tax

Statutory deduction on account of Income Tax & Sales Tax/GST shall be made deducted at source from the bills of the contractor at the prevailing rates by Sr.A. O/ O&M-II, PTPS, Panipat

11. Factory Act/Minimum Wages Act/ Insurance Act/ EPF Act Etc.

Strict adherence of various applicable labour laws like the Factories Act, Minimum Wages Act, ESI Act, Payment of Wages Act, the workman's compensation Act, EPF Act, Contractor labour (Regulation & Abolition) Act, 1970 and all other statutory requirements as amended from time to time to the entire satisfaction of Central/ State Govt. Authorities, shall be the responsibility of the Contractor and he shall have to make good loss, if any, suffered by HPGCL on account of default in this regard by the contractor. The contractor will submit the copy of EPF challan & EPF Inspection report, deposit of labour welfare fund along with monthly bill. The EPF contribution will be deposited by the contractor in his own EPF code no. The Firm shall also obtain ESI No. from the ESI authority and shall submit at the time of submitting the bill.

A Labour Act clearance certificate from the chief Labour Welfare officer, PTPS, HPGCL, Panipat has to be attached along with the bill of every month.

12. Insurance of the 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 workmen Compensation Act, the contractor will obtain cover note from the Insurance Company under Work man compensation Policy in respect of persons employed by him for carrying out his work and obligation under the agreement. The premium payable for the 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 LOI, but before the start work. Payment against the work done will not be released to the contractor until and unless the contractor submits photocopy of insurance cover.

13. Safety Rules

- A** Firm shall have to comply with all provisions of safety rules. The Chief Safety Officer shall impose penalty of Rs. 300/- per day per head if the workers of firms are found to be working carelessly without proper protective equipments in unsafe conditions. Against violation of any other clause, a penalty of Rs. 500/- per violation (minimum) shall be levied. In case of repeated violation of serious nature

resulting in various serious accident or direct loss to the corporation/ threatens to cause severe consequences, higher penalty rates may be imposed including suspension/ termination of the contract. In case of any fatal/ not fatal accident or any other violation of factory act, 1948, Pb. Hr. factory rules, 1952, or any other industrial or labour act are made by/ with the worker of the contractor and if prosecution is launched by Chief inspector of factories, Chandigarh 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 the amount shall be recovered from the outstanding dues/ liabilities of the contractor against this contract or any other contract at PTPS besides other action HPGCL, may deem fit.

- B** A safety clearance certificate from the chief safety officer has to be attached along with the bill of every month.

14. Subletting

No sub letting of the contract shall be allowed and any subletting will lead to cancellation of contract. However, as a special case, CE/ PTPS-2, HPGCL, PANIPAT, after considering technical capability of the sub contractor may allow subletting for which the successful contractor will submit requisite document to XEN/In charge of the work.

- 15.** As the manpower will handling costly and sophisticated equipment of the power house, therefore, the contractor will ensure that only skilled personnel who have already handled such equipments should be deployed. The contractor will deploy competent site supervisor who should have at least 2 years experience. The proof of the deployment with the firm for at least six months needs to be supplied to XEN/In charge of work before start of work.

16. Liability

This office reserves the right to claim adequate compensation from the contractor on account of any damage caused to the plant and equipment due to careless handling or negligence on the part of contractor. However, the total liability arising out of this contract shall be limited to the contract value.

17. Set of Clause

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

- 18.** The contractor will abide by all the labour laws (**Detailed as per Annexure-E**), provisions of Factory Act/Insurance Act and Safety rules as framed by the Govt. of India & Haryana and amended from time to time and as applicable to this project.
- 19.** The contractor shall be solely and fully responsible for any mishap/accident of his workers at the site of work and the firm will bear all losses/claim on account of any accident to any worker and any equipment. HPGCL will not be responsible in any way and will not pay any compensation.
- 20.** This office reserves the right to claim adequate compensation from the contractor on account of any damage caused to the Plant and equipment during execution of the work due to careless handling or negligence on the part of the contractor.
- 21.** Contractor will be responsible for getting the gate passes of workmen issued from the competent authority and will surrender such gate passes on the expiry of contract or in the event of workmen leaving the job.
- 22.** The contractor shall keep a competent authorized representative without extra charges and his assistant so that the progress of work is not hampered. The representative shall represent the contractor in his absence and all directions given to him shall be binding as if given to contractor. In no case the authorized representative can refuse to the instructions.
- 23.** The contractor will submit the contract agreement on NJSP of Rs. 15/- immediately before starting the work.
- 24.** The contract is subjected to jurisdiction of Panipat Courts only.

25. Arbitration

All the disputed and/ or differences and / or claims arising out of and / or concerning and or in connection with, and / or in consequence or relating to this contract whether or not obligatory of either

or both parties under the contract be subsisting at the time of such dispute and whether or not the contract has been terminated or purported to be terminated or completed shall be referred to the sole arbitration of MD, HPGCL or an officer appointed by MD, HPGCL as his nominee. The award of the arbitrator shall be final and binding on both the parties to the contract.

The objection that the arbitrator has to deal with the matters to which the contract relates, in the course of his duties or, he has expressed his views on any or all the matters in dispute or difference, shall not be considered as a valid objection.

The arbitrator may, from time to time, with the consent of the parties to the contract, enlarge the time for making the award. The venue of arbitration shall be the place from which the acceptance of offer is issued or such place as the arbitrator, in his discretion may determine.

All arbitration proceedings shall be governed by the provisions of latest arbitration and conciliation Act, 1996 and the rules there under, with any statutory modifications thereof for the time being in force, shall be deemed to apply to the arbitration proceedings under this clause.

26. Suitable accommodation will be provided by HPGCL to the firm free of cost.
27. **Acknowledgement** : The receipt of the detailed work order shall be acknowledgement within 7 days.
28. **Short Closure**: The contract can be short closed any time by serving a notice of one month on the sole discretion of HPGCL

Executive Engineer/Fuel,
PTPS, HPGCL, Panipat.



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Website: www.hpgcl.gov.in

Email xenfuel.ptps@hpgcl.org.in

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ANNEXURE-F

LABOUR LAWS

1). Registration of Establishment (PTPS) and obtaining the Labour License/ Renewal.

The Registration of Panipat Thermal Power Station with the list of working Contractors is required under Section -7 of Contract Labour Act, 1970. The name of working Contractor must be on the list of Contractors otherwise he (contractor) will not get Labour License/Renewal from the Labour Department, Haryana Govt. So as and when the work is awarded to the contractors other than included in the list of contractors attached with the Registration of Panipat Thermal Power Station, the contractor will ensure that his name on the prescribed Performa is intimated to the Centralized Agency by the officer in charge of the work for getting his name including in the said list.

Further after the needful, the contractor will be under obligation to obtain labour license/ its renewal under Section 12 of ibid Act from the Labour Department, Haryana Govt. by completing the requisite formalities.

2) Payment of wages to the workers deployed on the work Under Section 63 to 73 of Contract Labour Act-1970 .

The contractor will be bound to pay wages to the workers deployed by him on the work as per minimum wages fixed by Labour Department, Haryana Govt. , Chandigarh and follow revision from time to time. He will display on the notice Board of his site office, the date of making monthly wages payment which should be on or before 7th of every month. The payment shall be made in currency & coins in the presence of authorized representative of the Principal Employer/ official from the Labour Department Haryana Govt. In case of default , the contractor will be liable for prosecution under the ibid Act.

3) Maintaining the Registers and records Under Section – 74 to 78 (a to d) of Contract Labour Act-1970 .

The contractor shall maintain necessary records under the provisions of ibid Act viz. Register of Workman employed (Section -75), Issuing of Employment Cards (Section 76), Service Certificate (Section 77), Register of wages (Section 78 (a) to (d)), Attendant Register, Register of Over time , Register of deduction, Register of advance, Register of fines, Issuing of Wages Slips, etc., the same shall be made available with the site In charge of the work or authorized representative of the contractor for checking/ inspection as and when required by the officer In charge of PTPS authorities or Labour Department , Govt. of Haryana. Non maintaining/ non production of the above Registers /Forms , under Section- 23 – 24 of the ibid Act will be treated as offence and contractor will be liable for prosecutions by the Labour Department, Govt. of Haryana.

4) Age limit of the workers.

No labour below the prescribed limit of age i.e. 18 years and above 60 years shall be employed by the contractor on his allotted works.

5.A) Compliance of various Labour Acts.

The contractor shall abide by all the labour laws required to be followed and he shall furnish an undertaking on NJSP of appropriate value duly attested by the Notary Public to the effect that he will comply with all the Acts, laws and Regulations as may be applicable with regard to performance of work including Factory Act-1948, Industrial Dispute Act-1947 , Employees State Insurance Act-1948 , Employee Provident Fund Act-1952, Payment of Wages Act-1936 , Minimum Wages Act-1948, Contract Labour Act (R&A , 1970) Workmen compensation Act 1923 and others rules and regulations as framed by the Central/ State Govt. in this regard from time to time.

(B). The contractor shall also specify in the above Undertaking that all the labour / workmen engaged by him for rendering the services under the contract, will be the employees of the contractors for all intents and purposes and shall have no claim / right on the HPGCL. All the risks , responsibilities and liabilities towards his labour shall be owned by him. The contractor will take such steps as may be directly responsible for any dispute arising between him and his labour / workmen and keep the HPGCL and its officers indemnified from and against all losses, damages and any claim/ liability arising there from. Under no circumstances whatsoever , HPGCL would be held responsible in respect of contractor's workers . In case any expenditure is incurred by HPGCL as a result of certain dues on the part of the contractor's labour or otherwise, the HPGCL is entitled to recover / claim such dues /compensation from the contractor's pending payments bills or through court of law.

(C) Besides the above, the contractor shall obtain an affidavit on the NJSP value duly signed and witnessed by him under his seal and duly attested by the Notary Public from his each and every individual worker/ employee that they will not claim any employment in HPGCL in lieu of services rendered by them to the contractor namely **M/S** _____ Work Order No. _____ dated _____ and all the disputes, whatsoever and of any nature, will be settled by their

contractor who has engaged them. These affidavits along with his own undertaking as per Para-A&B above, shall be submitted by the contractor to the Officer-in-Charge (Applicable for ARC/AMC type contracts only).

6) Deposit of EPF contribution of the workers along with Employer share.

It is statutory obligation for the contractor to deduct EPF contribution for the employee drawing wages up to Rs.6500/- per month. The rate of deduction i.e. 12% on the minimum wages fixed of the labour by the Govt. or actual wages drawing **(i.e. basic pay +DA +cash value of food concession +leave encashment)** and deposit the same with his share @ 12% (8.33 % in pension fund and 3.67% in employees contribution) and deposited the same with the EPF Department with 1.61% administrative charges in their allotted EPF Code up to 15th of due month failing which interest and damages will be charged., Copy of the deposit challan alongwith ECR for 25.61% as mentioned above shall be submitted along with running bills in the office of officer in charge of the work by the contractor. It is responsibility of the contractor to make the inspection of record of deposit of EPF contribution of their labour from the EPF Department and copy of the same will be submitted to the officer incharge of work / Accounts Branch/CLWO and only after that the security of the firm will be released.

The contractors having out of state EPF Code will also get their record inspected from Local EPF office. (Panipat).

7) Deposit of ESI Contribution of the workers along with Employer share.

It is statutory requirement for the contractor under ESI Act 1948 that the workers drawing gross wages up to Rs.23000/- , 1.75% contribution is deducted from the wages of such worker and deposit along with Employer share of 4.75% i.e. total 6.5% with the authorized bank/ branches of ESI Department by the contractor to cover their workers under ESI Scheme up to 21st of due month, otherwise, interest and damage will be charged on deposit of delayed payment. The contractors will get their ESI Code.

It is also responsibility of the contractor to get the facilities as provided under ESI scheme, extended to their workers viz. issuance of ESI Cards, filing the Returns on prescribed **Form- 6** on due dates i.e. 12 May, 11 November, every year in local ESI office, otherwise he will be prosecuted by the ESI Department as provided in the ibid Act. In case of non issuance of ESI Cards, the workers will not get the medical facilities / pension benefits to the widow which are provided by the ESI Department and contractors will be responsible for consequences.

8) Deposit of Labour Welfare Fund along with Employer share.

In pursuance of Haryana Govt. Labour Department Gazette Notification dated 12th April, 2012 with latest amendment, the contractors are required to deduct Labour Welfare Fund @ Rs10/- from each worker and deposit the same with Employer's share @ Rs.20/- per worker (total Rs.30/- each worker) with the Welfare Commissioner, Haryana , Chandigarh in shape of Demand Draft in their favour along with list of workers for whom the same is being deposited. The copy of proof in this respect shall be submitted along with bills to officer-in-charge/ Account Branch.

9) Factory ACT/Minimum Wages ACT/Insurance ACT/EPF ACT Etc

Strict adherence of various applicable labour laws like the Factories Act, Minimum Wages Act, ESI Act, Payment of Wages Act, the workman's compensation Act, EPF Act, Contractor labour (Regulation & Abolition) Act, 1970 and all other statutory requirements as amended from time to time to the entire satisfaction of Central/State Govt. Authorities, shall be the responsibility of the Contractor and he shall have to make good loss, if any, suffered by HPGCL on account of default in this regard by the contractor. The contractor will submit the copy of EPF Challan alongwith ECR and ESI Challan alongwith its contribution details at the time of 90% payment to CLWO. The EPF contributions will be deposited by the contractor in his own EPF code no.

10) 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 workmen Compensation Act, the contractor will obtain cover note from the Insurance Company under W.C. Policy in respect of persons employed by him for carrying out his work and obligation under the agreement. The premium payable for the 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/CLWO immediately after issue of LOI, but before the start of work. Payment against the work done will not be released to the contractor until and unless the contractor submits photocopy of Insurance cover. This is mandatory for all the contractor's workers who are not covered under ESI, while working in PTPS premises.

11) The labour clearance certificate from CLWO, PTPS, Panipat is to be attached along with the bill.

**Executive Engineer/Fuel,
for Chief Engineer/PTPS,
HPGCL,Panipat**



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ANNEXURE-G

STATEMENTS OF BIDDERS

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

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

CST No. _____.
6. Bank Details (attached signed cancelled cheque)
 - i) Bank Name & Address
 - ii) Bank Account Number
 - iii) Bank Branch Code
 - iv) IFSC Code of Branch
 - v) Nature of account (current/saving/OD/CC)
7. Any other
 - (i) Contact Number _____
 - (ii) Email Address _____

Signature & Stamp of Bidder

Name & Designation of Authorized Bid Signatory _____



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ANNEXURE-H

Acceptance Certificate

I _____ Designation _____

of (Name of the Company) _____

here by accept the terms and conditions given on page No. 1 to 16 of the tender document (E-NIT No. /)

For M/s _____



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

HARYANA POWER GENERATION CORPORATION LIMITED

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

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Annexure- I

CHECK LIST FOR CONTRACTOR

Sr. No.	Technical Specification	Bidder Response (Yes or No)
1	Earnest Money Deposit.	
2	Acceptance of all terms & conditions of tender .	
3	Documentary Evidence regarding Qualification Criteria	
i)	Proof for possessing the Labour License from Labour Department, Govt. of Haryana or requisite undertaking.	
ii)	EPF No.	
iii)	Service Tax No.	
iv)	ESI No.	
v	PAN No. / TAN No.	
vi)	The bidder must have experience of having successfully executed Work/Purchase Order (s) in HPGCL/NTPC/any SEBs/any PSU/any Corporation/Central Govt./State Govt./ Semi Govt. or any Thermal/Hydel Plant and have average annual turnover and other eligibility condition as given below. Tender shall be considered of those firms, who have already successfully executed the Work Order(s) for the same or similar work during last 5-years last day of the month previous to the month (i.e. ending 31.03.2023) in which applications are invited having minimum order value as under: Single order of the value not less than Rs. 39.00 Lakh inclusive of GST. or Two orders of the value not less than Rs.24.41 Lakh each inclusive of GST. or Three orders of the value not less than Rs.19.53 Lakh each inclusive of GST.	
vii)	Copy of the repeat work order for similar nature of work from the same organization, in case of non-supply of successful completion certificate against work order as mentioned in Sr. No. 3-vi) above.	
viii)	Authority letter in the name of the Authorized Person who has signed the Tender Document / Price Bid on behalf of the Contractor / Company.	



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

HARYANA POWER GENERATION CORPORATION LIMITED

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

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.gov.in

Email xenfuel.ptps@hpgcl.org.in

Telephone No. 0180-2566376

Fax No. 0180-2566376

Annexure-J

Performa for Rate quoting sheet

(To be filled online in a separate excel file)

S No	Description of Work	UOM	Qty (A)	Unit Rate per MT to be quoted by the contractor including GST (Presently GST is 5%) Rs. (B)	Total Amount (Rs) including GST (C=A*B)
1	Purchase of torrefied Biomass Pellets for feasibility study of co-firing of Biomass Pellets with coal in Unit-7 or Unit-8 at PTPS, Panipat.	MT.	450 MT (+10%)		

NOTE: 1) Fill the price bid with due care in Indian Rupees Only.

2) For any query you may contact to the office of Executive Engineer/ Fuel, PTPS, Panipat (Mob. No.: 9355869383, 8222022588)