



## **HAFED SUGAR MILL ASSANDH**

**Village Phaphrana, Teh. Assandh, Distt. Karnal**

**Email: gmhfdasd@gmail.com Ph. No. 090530-08707**

**Head Office: TEL: 2590520-24, FAX: 2590711, 2590708**

**E-mail: hafed@hry.nic.in Web-site: www.hafed.gov.in**

### **Tender notice**

#### **E-Tender Notice for Outsourcing of Maintenance and Operation of Hafed Sugar Mill, Assandh of 2500 TCD**

Hafed invites E-Tenders from reputed contractors/ service providers/ consultancy firms/ companies to undertake various jobs of overhauling, repair & maintenance, and operation of Hafed Sugar Mill, Assandh, Distt. Karnal (Haryana) with co-generation and power export to the state grid for the crushing season 2020-21. The parties must have experience of all jobs of season and off season overhauling, repair, maintenance and operation in at least two Sugar Factories of not less than 2500 TCD capacity for two years in India. The party should have experience of exportable power co-generation in the same sugar mill of a capacity not less than 2500 TCD capacity for two years and to provide experienced professional staff/ resources and expertise to undertake cogeneration of exportable power. The interested party may submit their technical bid along with all supporting documents. The tender document containing details of scope of work, eligibility criteria, and other terms & conditions is available on portal <https://etenders.hry.nic.in> or at Hafed Website [www.hafed.gov.in](http://www.hafed.gov.in). The parties / bidders can submit their tender documents through e-Tender portal as per dates given in the tender document. All bidders are required to get register on e-tendering portal & obtain Digital Signature from NIC office. Technical & Financial bid will be opened at Hafed Corporate Office, Sector-5, Panchkula (Haryana) and negotiations will be held as Haryana Govt. instructions/guidelines. All the bidders are requested to be present at the time of opening of the tender for negotiations.

Hafed reserves the right to accept/reject any/all the tenders without assigning any reason whatsoever.

**General Manager ,  
Hafed Sugar Mill,  
Assandh**

### **Detailed Notice Inviting Tender**

E-tender is invited to undertake various jobs of overhauling, repair & maintenance, and operation of 2500 TCD at Hafed Sugar Mill, Assandh, Distt. Karnal (Haryana) with co-generation and export of power into state grid for the crushing season 2020-21 in single stage two cover system i.e. request for Technical Bid (online bid under Technical Envelope) and request for Financial Bid (comprising of price bid Proposal under online available Commercial Envelope):-

<b>Sr. No</b>	<b>Name of Work</b>	<b>EMD to be deposited</b>	<b>Tender Document Fee and E services fees</b>
1.	Out sourcing of maintenance and operation of 2500 TCD Hafed Sugar Mill, Assandh for the season 2020-21.	Rs. 10,00,000/- (Rupees Ten Lakh only)	Rs. 1000/- (non refundable)

Under this process, the Technical Bid Application as well as online Price Bid shall be invited at single stage under two cover i.e. Technical Bid & Commercial Envelope. Eligibility of the Bidders will be first examined based on the details submitted online under first cover (Technical) with the request to eligibility and qualification criteria prescribed in the Tender document. The Price Bid under the second cover shall be opened for only those bidders whose Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

1. **Intended parties will be mandatorily required to online sign-up (create user account) on the website <https://etenders.hry.nic.in> to be eligible to participate in the e-Tender.**
  - The Payment for document fee of **Rs.1,000/- (Non refundable)** can be made by eligible parties **Demand Draft only in favour of The Haryana State Cooperative Supply and Marketing Federation Limited** payable at any schedule bank at Panchkula.
  - The Payment for required **Earnest Money of Rs. 10,00,000/-** can be made by eligible parties through **Demand Draft only in favour of “Hafed Sugar Mills, Assandh”** payable at any schedule bank at Assandh.

**The Demand Drafts of Tender Document Fee and EMD should be prepared separately. Both Demand Drafts must be submitted on or before 07.07.2020 (up to .500 PM) at Hafed Corporate Office, Sector-5, Panchkula (Haryana) otherwise the tender will be rejected. The online bids of only those parties/bidders will be accepted who will deposit the demand draft of required tender fees and EMD as above.**

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

### **Key Dates**

Sr. No.	HAFED Stage	Party Stage	Start / expiry date and Time
1		Downloading of Tender Document / Online Bid Preparation.	<b>26.06.2020 at 5.00 OM</b>
2	-	Last date of submission of online Bid	<b>08.07.2020 at 5.00 PM</b>
3	Opening of Technical Bid	-	<b>09.07.2020 at 11.00 AM</b>
4	Opening of Financial Bid	-	<b>09.07.2020 at 3.00 PM</b>

#### **Important Note:**

- 1) The parties/bidders have to complete „Application/Bid Preparation & Submission” stage on scheduled time as mentioned above. If any party/bidder failed to complete his/her aforesaid stage in the stipulated online time schedule for this stage, his/her Application/bid status will be considered as „Applications/bids not submitted”.
- 2) Party/Bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- 3) Party/Bidder can rework on his/her bids even after completion of „Application/Bid Preparation & submission stage” (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.

#### **INSTRUCTIONS TO PARTY/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 etenders.hry.nic.in Portal:**

All the parties/bidders intending to participate in the tender’s process 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 party/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 parties/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.

The party/bidder must ensure that he/she comply by the online available important guidelines at the portal <https://etenders.hry.nic.in> for Digital Signature Certificate (DSC) including the e-Token carrying DSCs.

Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during the stage of bid preparation. 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.

**3. Pre-requisites for online bidding:**

In order to operate on the electronic tender management system, a user's machine is required to be set up having Internet explorer 10 or above and JRE 8 update 151 in 132 bit.

**4. 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>

**5. Download of Tender Documents:**

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

**6. 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 parties/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.

**7. PREPARATION & SUBMISSION OF ONLINE APPLICATIONS/BIDS:**

Detailed Tender documents may be downloaded from e-tender website <https://etenders.hry.nic.in> and tender mandatorily be submitted online following the

instruction appearing on the screen.

- (i) Scan copy of Document to be submitted / uploading for Technical bid under online Technical Envelope. The required documents (refer to DNIT) shall be prepared and scanned in different file formats (in PDF/JPEG/MS WORD format such that file size does not exceed more than 10 MB) and uploaded during the on-line submission of Technical Envelope.
- (ii) **Only Electronic Form (Refer Tender document).**  
**FINANCIAL or Price Bid PROPOSAL shall be submitted mandatorily online under Commercial Envelope and original not to be submitted manually)**

**NOTE:-**

***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>***

## **Tender document for outsourcing of Maintenance and Operation of 2500 TCD Hafed Sugar Mill Assandh during the crushing season 2020-21.**

### **1.0 Back ground Information**

Hafed has set up a Sugar Mill of 2500 TCD capacity with Co-generation of power to export 2 MW power to State Grid at Village Phaphrana near Assandh, District. Karnal (Haryana). The Mill is in operation since 2008-09. The capacity of the mill is 2500 TCD. Estimated cane available for crushing is approx. 40 lac. qtls in approximate 160 working days.

### **2.0 Invitation of Bids:**

Hafed is looking for reputed contractors/ Service Providers/ consulting firms companies to undertake various jobs of repair & maintenance and operation of 2500 TCD at Hafed Sugar Mill with cogeneration and 2 MW power into State Grid near Assandh District Karnal. Tender is invited through press from the interested eligible parties.

Tenderers are advised to visit the factory and site with prior intimation to the General Manager, Hafed Sugar Mill, Assandh to study the technical status of factory and working conditions etc.

Tenderers are also advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the Tender Document or submission of a bid not substantially responsive to the Tender document in every respect will be at the tenderer's risk and may result in the rejection of the bid.

No interest shall be payable by Hafed on the EMD amount deposited by the party.

### **Procedure for submission of Bids**

The bids shall be submitted Online in two separate envelopes:

"Envelope 1: Technical Bid"

The parties/bidders shall upload the required details online in the Technical Bid

"Envelope 2: Commercial Bid"

The bidders shall **quote** the prices in price bid format under Commercial Bid.

- **Bidders are mandatorily required to submit the technical and financial bid in the prescribed online format only.**

The tenderers are required to quote for each services/sections separately in terms of basic price and all other charges. Prices should be quoted in Indian currency only. The tenderers should indicate specifically the Basic Price, Service tax & other Taxes (if any), and levies chargeable quantitatively against each item as per Hafed's specification, terms and conditions.

Any conditions of the firm sent along with the quotation, if any, shall not be binding on Hafed.

On acceptance of tender, the date of start of contract should be strictly adhered to otherwise, Hafed reserves the right to cancel the contract and forfeit the earnest money of the tenderers.

Hafed reserves the right to reject any/all tenders without assigning any reason whatsoever.

**Negotiations will be held of technically qualified bidders after opening the financial bid. Bidders are therefore requested to remain present at the time of opening of financial bid and negotiation.**

**4.1 Eligibility criteria for the tenderers:**

The bidder must have experience of repair, maintenance and operation of complete factory operations of at least two sugar factories of at least 2500 TCD capacity for two complete crushing seasons in India and the bidder company should be profit making in last two years (Proof of experience certificate and profit earned during the last 2 years to be attached).

The bidder should have the experience of exportable power co-generation in the same sugar mill of a capacity of not less than 2500 TCD for one complete crushing season and to provide experienced professional staff/ resources and expertise to undertake cogeneration of exportable power.

The bidder will also provide RT8 (C) of such mills for two crushing season as proof of performance. The bidder will also provide the copy of agreement made to the company.

**4.4 Bidder will submit the CA Certificate for a minimum of Rs. 4.00 Crore turnovers for last one year i.e. 2018-19.**

Bidder will submit the solvency certificate from the operating/dealing banks.

The bidder should have team of competent employees to undertake the work. They will also supply the copy of the names of their employees along with their qualification, who will work for repair, maintenance, operation and cogeneration work.

The bidder will submit audited balance sheets and ITRs for last three years or since inception.

The bidder/ firm should be registered with the concerned competent authority, so as to meet the statutory requirements of the Provident Fund, The Labour Department and any other applicable authority and shall submit copies of the same.

The tender must be submitted along with the copies of a valid Service Tax registration with the Central Excise Department, PF registration and PAN Card and the latest Income Tax Returns for the last three years or since inception.

The tenders will produce the copies of past work orders & satisfactory completion certificate from competent authority as proof of work experience.

The bidder should submit the authority letter of their authorized person for signing and participation in the tender from their company Secretary/ BOD resolution.

The bidder shall be responsible for all the laws applicable presently or laws made applicable by Central Govt., State Govt. or any other statutory authority during the contract period.

The bidder will submit a certificate that all terms and conditions mentioned in the tender document are acceptable to them.

The financial bids of only those parties will be opened, who qualifies the technical bid.

Net worth of the bidder should not be less than 6 crores.

**Scope of Work:**

The entire scope of work will involve all overhauling, repair & maintenance during off season and operation of the Mill during the season along-with co-generation and power export work with preventive maintenance. In case of expansion of crushing capacity the party will also provide necessary supervision and guidelines regarding expansion of crushing capacity. The

scope of work indicating responsibility of the party have been indicated in Annexure-A. The overall position is highlighted below:

**Overhauling, Repair & Maintenance:**

For smooth functioning of the Mill, off season overhauling, repair and maintenance of all sections/stations from cane unloading in to final sugar bagging involving all machinery & equipments including mechanical, electrical & instrumentation work from cane un-loader to final molasses storage tank including sugar stacker & belt conveyor system have to be checked and repaired by the party.

For details of work the interested party may inspect the Mill for assessment of work.

The successful tenderer will prepare a report of assessment of work and will supply a copy of report along with consumables/spare parts /materials within two weeks of receiving final work order.

All material required by the party will be arranged by the mill at the earliest after receiving indent/requirement.

The Party will also supply a list of man power to be engaged to complete the work for completing the repair works, indicating their qualification and experience.

Any other work which is not specified in Annexure A, but required for smooth functioning of the mill, will also be done by the party.

All the overhauling repair & maintenance work of the mill should be done by the party latest by end of October every year. The party shall execute the work in prescribed time frame failing which Hafed shall levy a penalty @ 10% on the basis of section/ work wise time schedule given by the party.

If the party fails to deliver the work allotted as per scope and the terms and conditions of the tender, Hafed shall get the work executed from any other agency at the risk and cost of the party.

**6. Operation of Mill during crushing season:**

The scope of work for operation during the crushing season will involve all other jobs required for operation of Mill at all the stations and sections from unloading of sugarcane to bagging of sugar and including Demineralization Plant with R.O. Plant, Laboratory and Work shop, including following jobs which will also be in the scope of tenderer.

- Cane Carrier Labour
- Mill Bed Coolie
- Bagasse handling
- Wet Scrubber & boiler ash shifting
- E.T.P. operation including scada system and getting clearances of air and water from HSPCB.
- Store material unloading
- Tube cleaning during the off season and season.
- Maintenance of factory light, street light, Tubwell and other lighting work of campus.
- Plumber work of mill campus.
- Lime and sulphur shifting during the season.
- Scraping and washing of sugar from boiling house equipments after close of crushing season.
- Internal and external of cleaning of boiling house equipments and painting works.
- Cleaning and white washing work of spray pond, Injection channel, E.T.P., Service water tank and DM Water Tank etc.
- Boiler cleaning during the off season.

- Cleaning and painting of clarifier.
- All the A.M.C.'s of turbine, DG Sets, VFD's, cane weigh bridges and all other machinery and instrument such as DM & RO plant of boiler, centrifugal machines, DCS, Air compressor and all other related and necessary machinery and instruments.

#### **7.0 Manpower:**

Firm should have well qualified experts and staff as per norms of Sugar wage board or fixed by Registrar Co operative Societies, Haryana/Haryana Govt.

The firm should attach a list of key technical experts indicating their qualification/experience and core strength etc. and give an undertaking in writing to deploy Minimum man power required to perform the work and as per requirement given in Annexure B.

All persons engaged by the firm directly or indirectly shall be employees of the firm and it is obligatory on the part of the firm to cover all their employees under workman compensation Act and other Acts.

- 7.4 The firm will be responsible for deduction of EPF/ any other such liability from their employees and Hafed will not be responsible for any monetary claim or payment to the firm employees or statutory authorities under the employees provident fund, Family pension Fund or any other liabilities.

Group insurance of the employees of the firm will be the responsibility of the Firm and Hafed will not be responsible for any claim which may be made under the workmen compensation Act and other Acts.

In the event of any accident/causality etc. of the employees of the firm and Hafed will not be responsible and Firm will ensure all safety measures for its employees.

- 7.6 The firm shall ensure that the age of their employees will not be less than 18 years in any case.

The firm/ party shall withdraw those Employees, who are not performing the work to the satisfaction of the Hafed or for their misconduct and such employees will be replaced as may be suitable to Hafed. However, the firm will not transfer the duty of its employees without the consent of the Hafed.

In case due to shortage of manpower, some maintenance jobs are not likely to complete in time, Hafed will have the right to outsource the same to the third Party or Hafed employees at the risk and cost of the firm/party.

#### **Accommodation**

Rent free accommodation in Mill Colony will be provided to the party as per availability.

The electricity and water will be provided at the cost by Hafed without A.C. and electric heater. Their staff will not misuse the electricity and water. Action shall be taken for misuse of electricity, water and damaged if any, to the mill property.

All other arrangements for food etc will be made by the Party.

#### **Arrangement of Materials and consumables:**

A list of all material and consumables will be provided by the Party to the General Manager of Assandh Sugar Mill within two weeks after signing the agreement.

The brand/type & specifications of the material will be recommended by the party which will be finally decided by the General Manager of Hafed Sugar Mill, Assandh.

The Hafed Sugar Mill, Assandh, will procure the material and consumables at the earliest after receiving the indent/requirement.

All the consumable such as HSD, Baggasse, K.Oil. Lubricants, Welding Electrodes, wire bunch, energy paper, energy tape, energy paste, nut & bolts etc. all spare parts required for repair & maintenance will be provided by Hafed free of cost. All the tools & tackles will be given by Hafed.

#### **10.0. Supply of Sugarcane:**

The supply of sugarcane as per indent of the party at Mill gate up to cane carrier will be the responsibility of Cane Department of the Hafed Sugar Mill, Assandh. The indent will be issued two days in advance.

#### **Performance parameters:**

The performance targets in respect of various main parameters like stoppage, losses, Capacity

utilization, Quality of sugar, Sugar Recovery, power export and minimum man power requirement is given as under :-

**Stoppage:**

Maximum 2 % stoppage will be admissible other than No cane, inclement weather, farmers agitation, General Cleaning, failure of HSEB supply etc.

**Sugar Losses:**

Maximum 1.95 % total losses on cane are admissible on account of loss in Bagasse, press mud, molasses and unknown.

**Capacity Utilization:**

Minimum 100 % capacity utilization should be achieved at the end of crushing season. The party shall also ensure trouble free services to crush at least 2500 tones cane per day during the season.

**Quality of Sugar:-**

The quality of sugar will be of M 30 /M-31 color with minimum 70% bold grain.

**Sugar Recovery:-**

10.50 % sugar recovery should be achieved at the end of the season.

**Power Export**

- 1 1.2 M.W. power to be exported to HSEB per hours in a day.
- 2 No power will be exported during stoppage of mill house and the period of break down will be considered as dead period for power export.

**Minimum Man Power requirement**

- 1 The party should engage/ employed minimum man power required for season as well as off season requirement as per Engg. and manufacturing Department.

**12.0 Penalty:-**

For not achieving the above parameter mentioned at Para No. 11.1 to 11.7, penalty of Rs.7,00,000/- (Rupees Seven Lakh) of failing of each parameter will be recovered from the party.

**Damage to Machinery:-**

Any damage of machinery during overhauling, repair & maintenance & operation, if occurred due to negligence of staff of the party, the same will be recovered from the party.

If machinery damaged due to manufacturing defects then loss will be borne by the mill or supplier, as the case may be.

**14.0. Payment terms**

The firm will quote lump sum rates for Repair & maintenance to complete various jobs. They will also supply the break up the repair & maintenance of various stations and payment will be released accordingly on the submission of invoice after completion of work of repair.

14.1 The rates for operation of plant during the season will be paid on monthly basis.

The firm will submit the invoice for payment once in a month (after completion of month).

90 % payment will be made at the end of the month within seven days after submission of invoice/bill. Balance 10 % will be made at the end of the crushing season after finalization of R.T. (8)C, Cleaning and washing of tube cleaning work and any penalty amount etc. will be recovered from the dues /EMD of the party.

TDS as applicable will be deducted at source.

All taxes as applicable shall be paid extra.

**15. Contract Period:**

The contract period is for crushing season 2020-21 commencing from allotment of work and continue till the end of crushing season every year after cleaning and washing of boiling house and off season tube cleaning of evaporator, pans and juice heater etc. The contract period can be extended for 2021-22 on the request of successful bidder and Hafed's final decision on the basis of performance during the last one year.

The period of Repair & Maintenance of plant will start immediately after allotment of work. Period of crushing season shall be considered as one week before start of crushing season and one week after closer of crushing operations.

**16. Misc:**

In case any directions are received from the Hon<sup>ble</sup> High Court or any other Court relating to the retrenched employees of Cooperative Sugar Mill, Panniwala Mota & in any other case, the direction/decision of the Court will be complied with by the Party.

Party shall ensure that annual expenses on account of consumption of store & spare items are as per industry norms and not more than the average cost of other Coop. Sugar Mills in Haryana. Party will submit the requirement of store & spare items well in advance before start the crushing season and before start of repair & maintenance with a copy to Hafed Corporate Office.

**17.0 Arbitration Clause:**

In case of any dispute arising between the parties, the matter shall be referred to the Managing Director, Hafed, Panchkula for arbitration, whose decision shall be final and binding upon both the parties.

**17.1. The last date for submission of tender will be 08.07.2020 by 5.00 PM**

The tenderers are advised to study the document and visit Mill site before submitting their tender.

The tender documents should be signed and stamped on each page by the tenderer. The technical bid will be opened on 09.07.2020 at 11.00 AM at Hafed Corporate Office, Sector-5, Panchkula and financial bid will be opened on the same day at 3.00 PM

TECHNICAL BID

Sr. No.	Name of Tenderer	
1	Permanent Address	
2	Phone No./Fax/Email ID	
3	Tender cost	Rs. 1000/- (Rupees one thousand only) (non refundable) in shape of Demand Draft only in favour of The Haryana State Cooperative Supply and Marketing Federation Limited” payable at any schedule bank at Panchkula  DD No. _____  Issuing Bank _____
	Earnest Money	Rs. 10,00,000/- (Rupees Ten Lakh only) in shape of Demand Draft only in favour of “Hafed Sugar Mills, Assandh” payable at any schedule bank at Assandh.  DD No. _____  Issuing Bank _____
4	Proof of experience certificate of repair, maintenance and operation of complete factory operations of at least two sugar factories of at least 2500 TCD capacity for two complete crushing seasons in India and the bidder company should be profit making in the last two years of the Sugar Mill.	Attach experience certificate
5	CA certificate of turnover of last two years.	
6	Solvency Certificate from Bank	
7	List of Technical Staff	
8	Audited Balance sheets of last 3 years	

9	ITRs of last 3 years.	
10	Proof of registration with PF Department.	
11	Copy of GST registration No.	
12	Copy of PAN No.	
13	Copy of past work order with completion certificate.	
14	Authority letter from authorized person for signing the tender.	
15	Certificate of acceptance of all terms & conditions of tender.	
16	Proof of net worth of the company.	

Accepted

Seal & Signature of the authorized Person on behalf of the tenderer.

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Email: \_\_\_\_\_

Contact No. \_\_\_\_\_

Mobile No. \_\_\_\_\_

Annexure A			
Services			
S.No.	Description	Responsibility of Party	
		Maintenance	Operation
A	Mill House		
I	Cane Unloader No. 1	*	*
	Gear Box	*	*
	Bridge Wheel	*	*
	Trolly Wheel	*	*
	Grab	*	*
ii	Cane Unloader No. 2	*	*
	Gear Box	*	*
	Bridge Wheel	*	*
	Trolly Wheel	*	*
	Grab	*	*
iii	Chopper	*	*
	Knives	*	*
	Bearing	*	*
iv	Leveler	*	*
	Knives	*	*
	Bearing	*	*
V	Fibrizor	*	*
	Hammer	*	*
	Bearing	*	*
	Oil Cooling System	*	*
vi.	Pusher	*	*
	Gear Box	*	*
	Bearing	*	*
vii.	Cane Carrier	*	*
	Slates	*	*
	Drive & Non Drive Shaft	*	*
	Chain Link	*	*
	Gear Box	*	*
viii	Main Rake Carrier	*	*
	Rake	*	*
	Drive & Non Drive Shaft	*	*
	Gear Box	*	*
ix	Inter Rake Carrier No. 1	*	*
	Rake	*	*
	Drive & Non Drive Shaft	*	*
	Gear Box	*	*
x	Inter Rake Carrier No. 2	*	*
	Rake	*	*
	Drive & Non Drive Shaft	*	*
	Gear Box	*	*

xi.	Inter Rake Carrier No. 3	*	*
	Rake	*	*
	Drive & Non Drive Shaft	*	*
	Gear Box	*	*
xii.	BC & RBC Chain	*	*
	Rake	*	*
	Drive & Non Drive Shaft	*	*
	Gear Box	*	*
xiii	Baggasse Elevator	*	*
	Rake	*	*
	Drive & Non Drive Shaft	*	*
	Gear Box	*	*
xiv	Rotary Screen	*	*
	Gear Box	*	*
	Pump	*	*
xv	Belt Conveyer	*	*
	Gear Box	*	*
	Bearing	*	*
xvi	GRPF No. 1	*	*
	Roller	*	*
	Crown Pinion	*	*
	Drive side Gear	*	*
	Lubricator	*	*
xvii	GRPF No. 4	*	*
	Roller	*	*
	Crown Pinion	*	*
	Drive side Gear	*	*
	Lubricator	*	*
xviii	Mill No. 1	*	*
	Roller	*	*
	Crown Pinion	*	*
	Trash Plate	*	*
	Scraper	*	*
	Drive Side Gear & Pinion	*	*
	FMG Gear Box	*	*
	Lubricator	*	*
xix	Mill No. 2	*	*
	Roller	*	*
	Crown Pinion	*	*
	Trash Plate	*	*
	Scraper	*	*
	Drive Side Gear & Pinion	*	*
	FMG Gear Box	*	*
	Lubricator	*	*
xx	Mill No. 3	*	*
	Roller	*	*

	Crown Pinion	*	*
	Trash Plate	*	*
	Scraper	*	*
	Drive Side Gear & Pinion	*	*
	FMG Gear Box	*	*
	Lubricator	*	*
xxi	Mill No.4	*	*
	Roller	*	*
	Crown Pinion	*	*
	Trash Plate	*	*
	Scraper	*	*
	Drive Side Gear & Pinion	*	*
	FMG Gear Box	*	*
	Lubricator	*	*
xxii	Juice Pump	*	*
<b>B.</b>	<b>Boiler House</b>	*	*
I	Boiler Cleaning		
ii	Valve	*	*
iii	Pump	*	*
iv	Fan	*	*
v	Bagasse Feeder	*	*
vi	Economizer	*	*
vii	Air Heater	*	*
viii	Air Compressor	*	*
ix	Wet Scrubber	*	*
	<b>D.M.Plants</b>	*	*
<b>C.</b>	<b>Boiling House</b>	*	*
	<u>Quad Section</u>	*	*
	1Quad Bodies and Juice Heater	*	*
	2Valve	*	*
	3Hydraulic Testing	*	*
	4Pump	*	*
	<b><u>Clarifier House</u></b>	*	*
	1Juice Sulphiter	*	*
	2Syrup Sulphiter	*	*
	3Lime Station	*	*
	4Vaccum Filter	*	*
	5Clarifier	*	*
	6Sulphur Furnance	*	*
	<u>Pan Station</u>	*	*
	1Valve	*	*
	2Mollasses Gear Boxes and Conditioners	*	*
	<b><u>3Hydraulic testing</u></b>	*	*
	<u>Crystalizer Station</u>	*	*
	1Planetary Gear Box	*	*
	2Valve	*	*

	<u>Hot &amp; Cold Over Head tank</u>	*	*
	Valve	*	*
	<u>Mollasses Storage Tank &amp; Pump</u>	*	*
	1Valve	*	*
	2 Pump, Gear Box and Lines	*	*
	<u>Pan Condensate pump and Condensers</u>	*	*
	1Valve	*	*
	<u>Injection House</u>	*	*
	1Pump	*	*
	2Valve	*	*
	<u>Service Pump</u>	*	*
	1Pump	*	*
	2Valve	*	*
	<b>Tubewells and their pipe lines</b>	*	*
	1Plumber work in mill and campus	*	*
	<u>Spray Pond</u>	*	*
	1Pump	*	*
	2Vavle	*	*
	3Nozzles	*	*
	<b><u>Melter</u></b>	*	*
	1Drive System	*	*
	2Pumps	*	*
	3Vavle	*	*
	<b><u>Batch Type Centrifugal Machine</u></b>	*	*
	1Basket	*	*
	2Accessories	*	*
	<u>Air Compressor</u>	*	*
	size 8 x5	*	*
	size 14 x7	*	*
	Screw Type & Air Blower	*	*
	<u>Sugar Grader</u>	*	*
	1Drive System	*	*
	2Replacement of screen		
	<u>Sugar Elevator</u>	*	*
	<u>Continuous Machine B &amp;C</u>	*	*
	<u>Pug Mill</u>	*	*
	<u>Hopper &amp; Blower</u>	*	*
	<u>Magma &amp; masscuite pump with gr.</u>	*	*
	<b>E. T. P.</b>	*	
	<b><u>Work Shop</u></b> (Lathe machine, shaper, planer and drill machine).	*	*
	<b><u>Electrical</u></b>	*	*
	1Motor	*	*
	2M.C.C.	*	*
	3Cables	*	*
	4Starter	*	*

5 E.T.P.	*	*
6 D.C drive Motors & Panel	*	*
7 VFD at various locations	*	*
<b>Power House</b>	*	*
1 Incoming and Outgoing Cables	*	*
2 Bus Bar	*	*
3 A.C.B	*	*
4 Capacitor Bank	*	*
5 Change Over	*	*
6 Alternator	*	*
7 Excitor	*	*
8 AVR of both Alternator	*	*
<b>Power Turbine No 1 BM/4643/B</b>	*	*
1 H.P. Valve	*	*
2 L P Valve	*	*
3 Oil Filter	*	*
4 Heat Exchange	*	*
5 Cooling System	*	*
6 PRDS	*	*
7 Alternator	*	*
8 AVR	*	*
<b>Power Turbine No 2 BM/4804/B(New)</b>	*	*
1 H.P. Valve	*	*
2 L P Valve	*	*
3 Oil Filter	*	*
4 Heat Exchange	*	*
5 Cooling System	*	*
6 PRDS	*	*
7 Alternator	*	*
8 AVR	*	*
9 Lighting work in mill campus	*	*
<b>Instrumentations</b>		
1 Mill House	*	*
2 Boiler House	*	*
3 Power House	*	*
4 Boiling House	*	*
5 Centrifugal House	*	*
6 DCS System	*	*
7 Co-Generation	*	*
8 Laboratory	*	*
9 CCTV Cameras and their cables	*	*

Note: Any other work which is not defined above and necessary to do for smooth running of the mill will be done by the party.

**Annexure-B**

**List of Tools and Tackles to be provided by HAFED to the Party**

<i>Sr. No</i>	<i>Name of Tools and Tackles</i>
1.	Tool Box
2.	Double end and Ring Spanners from 6 to 32 mm
3.	Cutting-Plier
4.	Nose-Plier
5.	Hack Saw
6.	Chisel
7.	Hammer
8.	Center Punch
9.	Measuring Tape
10.	L-End Key Set
11.	Pipe Wrench
12.	Screw Drivers
13.	Circlip-Plier
14.	Steel Rule
15.	Hammering Spanners
16.	Straight Edge
17.	Vernier Calipers
18.	Master Level
19.	Feeler Gauges
20.	Dial Gauges
21.	Rectifier Welding Machines
22.	Cutting Sets and
23.	Water Tubes etc.

Note: Numbers and list of tools will be reviewed from time to time.

**MINIMUM MANPOWER REQUIRED ON OUTSOURCING****Engineering Department**

Sr. No	Position	No. per shift	Total in Shift	General	Total (4+5)
1	Mechanical Supervisor	1	4	1	5
2	Electrical Supervisor	1	4		4
3	Instrumentation Supervisor			1	1
4	Fitter	3	11	2	13
5	Rigger/Helper	5	18		18
6	Electrical Technician	2	7		7
7	Instrumentation Mechanic	2	7		7
8	Switch Board Attdt.	1	4		4
9	Welder			2	2
10	Turner/ Machinist			2	2
11	Cane unloader operator	2	7		7
12	RO (DM Plant Operator)	1	4		4
13	Turbine Attdt.	1	4		4
14	Injection water pump operator/	1	4		4
15	Boiler Operator	1	4		4
16	Fire Man	1	4		4
17	Water Man	1	3		3
	<b>Total</b>	<b>23</b>	<b>85</b>	<b>8</b>	<b>93</b>

**Manufacturing Department**

Sr. No.	Position	No. per shift	Total in Shift	General	Total (4+5)
	Chemist	1	3	-	3
1	Lab Chemist	1	3	-	3
2	Lab Incharge	-	-	1	1
3	Lab Boy	1	4	-	4
4	Centrifugal Mate	1	3	-	3
5	Juice Sulphiter Attd.	1	3	-	3
6	Juice Heater Attd.	1	3	-	3
7	Evaporator Attd.	1	3	-	3
8	Clarifier Attd.	1	3	-	3
9	Sulphur Furnace Attd.	1	3	-	3
10	Vacuum Filter Attd.	1	3	-	3
11	Centrifugal Operator	3	9	-	9
12	Magma Operator	1	3	-	3
13	Head Pan Man	-	-	1	1
14	Pan Incharge	1	3	-	3
15	Pan Man	1	3	-	3
16	Asstt. Pan Man	2	6	-	6
17	Total	18	55	2	57
18	Project Manager			1	1
	<b>TOTAL</b>	<b>41</b>	<b>140</b>	<b>11</b>	<b>151</b>

### **Technical Bid**

1. Submit the certificate to have experience of repair, maintenance and complete factory operations of at least two sugar factories of at least 2500 TCD capacity for two complete crushing seasons in India.
2. Submit the certificate to have either the experience of exportable power co-generation in the same sugar mill/ any other sugar mill of a capacity of not less than 2500 TCD for one complete crushing season or to provide experienced professional staff/ resources and expertise to undertake cogeneration of exportable power.
3. The bidder will also provide RT8 (C) of such mill for one crushing season as proof of performance. The bidder will also provide the copy of agreement made to the company.
4. Bidder will submit the CA Certificate for a minimum of Rs. 4.00 Crores turnover for the last two years.

Following information should also be provided by the tenderers:-

1. Bidder will submit the solvency certificate from the bank.
2. The bidder should have team of competent employees to undertake the work. They will also supply the copy of the names of their employees along with their qualification, who will work for repair, maintenance, operation and cogeneration work.
3. The bidder will submit audited balance sheet and ITRs for last three years or since inception.
4. The bidder/ firm should be registered with the concerned competent authority, so as to meet the statutory requirements of Provident Fund, Labour Department and any other applicable authority and will submit the copies of the same.
5. The tender must be submitted along with the copies of Service tax registration with central excise department, PF registration and PAN Card and the latest Income tax Return.
6. The tenderer will produce the copies of past work orders & satisfactory completion certificate from competent authority as proof of work experience.
7. The bidder should submit the authority letter of their authorized person for signing and participation in the tender from their company secretary/ BOD resolution.
8. The bidder shall be responsible for all the laws applicable presently or laws made applicable by Central Govt., State Govt. or any other statutory authority during the contract period.
9. The bidder will submit a certificate that all terms and conditions mentioned in the tender document are acceptable to them.
10. The financial bids of only those parties will be opened, who qualifies the technical bid.

**Financial Bid**

**“Financial Bid for Operation and Maintenance services for 2500 TCD Sugar plant with co-generation and Export of Power during the crushing season 2020-21**

Sr. No.	Particulars	Amount (Taxes as applicable will be paid extra)
		Season 2020-21
1	Overhauling, repair & maintenance during off season (Lumpsum)	
2	Operation of the Mill during the season (Per Month)	