TENDER DOCUMENT

FOR

OVERHAULING OF PA, FD, ID FANS AND FLUE GAS DUCTING OF
BOILER OF 250 MW, UNIT-8, PTPS, PANIPAT
SCHEDULED TO BE HELD IN JULY 2017

NIT No. 523 /MP-8017/FAN/2016 Dated 18.1.2017

CHIEF ENGINEER/PTPS-2
PANIPAT THERMAL POWER STATION,
HPGCL, PANIPAT

TELEPHONE NO. 0180-2566015
FAX NO. 0180-256480/6015
**PANIPAT THERMAL POWER STATION, PANIPAT**
(A Unit of Haryana Power Generation Corporation Ltd)
(An ISO: 9001, ISO: 14001 & OHSAS: 18001 Certified Company)
(Regd. Office: UrjaBhawan, Sector-6, Panchkula)
Web site WWW. hpcul.gov.in Email id: rk.yadav@hpcul.org.in

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E-tenders in two parts are invited on behalf of CE/PTPS-2, Haryana Power Generation Corporation Limited (HPGCL) Panipat, for the following works to be carried out during capital overhauling of 250 MW, Unit-8 at PTPS-Panipat, from eligible parties for the work detail as under:-

<table>
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<tr>
<th>Tender Enquiry No.</th>
<th>523/MP-8017/FAN/2016 dated 18.1.17</th>
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<tr>
<td>Description of Item</td>
<td>OVERHAULING OF PA,FD,ID FANS AND FLUE GAS DUCTING OF BOILER OF 250 MW, UNIT-8, PTPS, PANIPAT SCHEDULED TO BE HELD IN JULY 2017</td>
</tr>
<tr>
<td>Start date and time of tender uploading</td>
<td>18.1.2017 at 17:00 Hrs</td>
</tr>
<tr>
<td>Last date for submission of tender</td>
<td>17.2.2017 at 13:00 Hrs</td>
</tr>
<tr>
<td>Tender Opening (Part-I)</td>
<td>17.2.2017 at 15:00 Hrs</td>
</tr>
<tr>
<td>Tender Fee (Non-refundable)</td>
<td>Rs.1,132/-</td>
</tr>
<tr>
<td>e-service Fees (Non-refundable)</td>
<td>Rs.1,000/-</td>
</tr>
<tr>
<td>Earnest Money</td>
<td>Rs. 29,500/-</td>
</tr>
<tr>
<td>INFORMATION REGARDING ONLINE PAYMENT</td>
<td>As per Annexure-A</td>
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<td>LABOUR LAWS</td>
<td>As per Annexure-G</td>
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<td>SPECIAL TERMS &amp; CONDITIONS</td>
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<td>SUPERVISION/QUALITY CONTROL OF WORK</td>
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<td>STATEMENT OF BIDDER</td>
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<td>ACCEPTANCE CERTIFICATE</td>
<td>As per Annexure-K</td>
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Information Regarding Online Payment of Tender Document, eService & EMD Fee.

The Bidders can download the tender documents from the Portal: https://haryanaeprocurement.gov.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:

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### Key Dates

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Department Stage</th>
<th>Tenderer’s Stage</th>
<th>Start date and time</th>
<th>Expiry date and time</th>
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<tr>
<td>1</td>
<td>-----</td>
<td>Downloading of Tender Documents &amp; Bid Preparation</td>
<td>18.1.2017 17:00 Hours</td>
<td>17.2.2017 13:00 Hours</td>
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<tr>
<td>2</td>
<td>Technical Opening (Part-I)</td>
<td>-</td>
<td>17.2.2017 15:00 Hours</td>
<td>---</td>
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<tr>
<td>3</td>
<td>Short listing of Technical bids &amp; Opening of Financial Bid</td>
<td></td>
<td>Will be intimated to the firms on their E-mail</td>
<td>---</td>
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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://haryanaeprocurement.gov.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 from:

   M/s Nextenders (India) Pvt. Ltd.
   O/o. DS&D Haryana,
   SCO – 09, 1nd Floor,
   Sector – 16,
   Panchkula – 134108
   E-mail: Chandigarh@nextenders.com
   Help Desk: 1800-180-2097 (Toll Free Number)

   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://haryanaeprocurement.gov.in.
4 **Pre-requisites for online bidding:**

In order to bid online on the portal [https://haryanaeprocurement.gov.in](https://haryanaeprocurement.gov.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 eProcurement system on the Home Page at [https://haryanaeprocurement.gov.in](https://haryanaeprocurement.gov.in).

6 **Download of Tender Documents:**

The tender documents can be downloaded free of cost from the e-Procurement portal [https://haryanaeprocurement.gov.in](https://haryanaeprocurement.gov.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://haryanaeprocurement.gov.in](https://haryanaeprocurement.gov.in).

(C) For help manual please refer to the ‘Home Page’ of the e-Procurement website at [https://haryanaeprocurement.gov.in](https://haryanaeprocurement.gov.in), and click on the available link “System Requirement” to download the file.

Executive Engineer/MP-I,  
for Chief Engineer/PTPS-2,  
HPGCL, Panipat.
GENERAL INSTRUCTIONS FOR TENDERER

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

1. The tender of only those bidders shall be considered who will produce documentary proofs in supports of following qualifying criteria:-

   The bidder should be the original equipment manufacturer or a registered vendor of HPGCL as per Vendor registration policy for Overhauling of Fans and Ducting of Boiler

   OR

   The bidder have already successfully executed during preceding 05 years reckoned from 30.11.16 the Overhauling of Fans and Ducting of Boiler of 110 MW capacity or above in HPGCL/NTPC/any State Electricity Board/any Public Sector Unit/Central Govt. /State Govt./Semi Govt. or in any Thermal Power Plant having minimum work order directly placed on them of value as under:-
   i. Single order of value not less than Rs. 11.80 Lacs or
   ii. Two orders of the value not less than Rs. 7.37 Lacs each or
   iii. Three orders of the value not less than Rs.5.90 Lacs each

   The bidder must have average annual turnover in last three consecutive financial years till 31.3.2016 shall not be less than Rs. 14.74 Lacs.

   Average annual turnover=Sum of Annual Turn Over of preceding 3 years / 03 (as per audited Accounts).

Note: a.) The order can include overhauling of Boiler & its Auxiliaries etc. but the order must include Overhauling of Fans and Ducting of Boiler.

   b.) The Work Order value referred above is exclusive of all taxes and duties.

   c.) The firm shall submit the copy/copies of work order(s) along with the relevant satisfactory work completion certificate(s) or the copy of repeat work orders for similar works from the same Organization, duly attested/Notarized in support of qualifying conditions.

   d.) The firm shall possess the valid PAN, EPF & Service Tax nos.

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 completion period, 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 Works tax, Service Tax, VAT, 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 **120 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 bidder 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, 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-2, 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.

16. The capital overhauling of Unit-8, PTPS, Panipat is expected to be held in July 2017.

   _Executive Engineer/MP-I, for Chief Engineer/PTPS-2, HPGCL, Panipat._
Scope of work for Overhauling of PA/FD/ID Fans and Flue Gas Ducting of Boiler of 250 MW, Unit-8, PTPS

Annexure-D

(A) OVERHAULING OF PA, FD AND ID FANS:

1. P.A. FANS - 3 Nos. & FD FANS - 2 NOS.:  
1. Opening of man holes and dismantlement of upper casing by opening of expansion joints of fans.  
2. Dismantlement of expansion joints of suction and discharge side of fans, their inspection and assembly of expansion joints of suction and discharge side of fans.  
3. Lifting of upper casing and internal cleaning of all parts.  
4. Tightening of foundation bolts etc. of all the fans.  
5. Checking of connections of servo motors and locking the nuts by its tightening.  
6. Dismantlement of oil line connections and thorough cleaning of same by air pressure to establish the flow of lube oil through these lines. Arresting of lube oil leakage if any.  
7. Physical inspection of blades, their proper cleaning & its movement. Checking tightness of the blades by torque wrench. Checking of blade clearance from the casing.  
8. Re fixing of upper casing after completion of checking and Re-connections of oil lines.  
10. Refitting of expansion joints.  
11. Closing and tightening of bolts of inspection doors.  
12. Fitting & tightening of expansion joints.  
13. Realignment of fan rotor with motor.  
14. Servicing/cleaning of lube oil system i.e. lube oil filters, lube oil tank, relief valves, lube oil pumps (2 Nos. in each fan).  
15. Dismantlement of oil coolers.  
16. Hydraulic testing of coolers after making all the required arrangement.  
17. Arresting of leakages observed from coolers during hydraulic tests.  
18. Re-assembly of coolers and fitting the same.  
19. Replacement of lube oil.  
20. Adjustment of lube oil and control oil pressure after running the lube oil pumps.  
21. Servicing of Outlet gates of FD Fans along with their actuators & gear boxes and top up/replacement of lubricant. The work of servicing of outlet gate will be carried out by dismantlement and assembly of all relevant components by replacing the damaged parts as per site requirement.  
22. Servicing of outlet gates of PA Fans along with its chain, actuator and gear boxes by top up/replacement of lubricant and damaged spare parts as per site requirement.

2. ID FANS – 3 NOS.  
a) LUB OIL SYSTEM (ID Fans A, B, C):  
1. Servicing/cleaning of lube oil filters, lube oil tank, lube oil pumps.  
2. Draining out the complete lube oil.  
3. Dismantlement of oil coolers.  
4. Hydraulic testing of coolers after making all the required arrangement.  
5. Arresting of leakage observed from coolers during hydraulic tests.  
6. Re-assembly of coolers and fitting the same.  
7. Filling of lube oil in the tank.  
8. Adjustment of lube oil pressure after running the pumps & arresting of leakages if any.

b) Hydraulic Coupling (ID Fans A, B, C):  
1. Replacement of lube oil in Hydraulic coupling.  
2. Servicing of double oil filter assembly, cleaning of oil filters.  
3. Servicing/cleaning of oil coolers by dismantlement, its hydraulic testing & arresting of leakage if any found during HT. Refitting of oil coolers.  

c) Fans (ID Fans A, B, C):  
2. Inspection of DE and NDE bearings of ID Fans.  
4. Checking of impellers and impeller seals & repair /replacement of seal if required.  
5. Replacement of impeller Liners of one no. fan.  
7. Cleaning/water washing of impeller & fan casing.  
8. Thorough inspection of ID Fan internals – impeller liners.
9. Servicing of inlet dampers, inlet & outlet gates of ID Fans including servicing of chains by dismantlement and assembly of all relevant components by replacing the damaged parts as per site requirement.
10. Cleaning of all lines of lube oil systems by compressed air.

d) **Repair/replacement of conical cover plate for 1 no. ID Fan**
1. Thorough inspection of conical plate and its flanges on both sides.
2. Removal of ash from cone, if any.
3. Repair/replacement of ID Fan cones of both sides, as per site requirement.
4. Dismantling the spiral casing (upper half) and shifting of the same to the ground floor
5. Dismantling of rotor assembly and shifting of the same to the ground floor.
6. Dismantling of cone assemblies of 02 nos. from rotor assembly.
7. Assembly of cone assemblies with rotor assembly.
8. Shifting of rotor assembly, spiral casing (upper half) to its original position.
9. Alignment of spiral casing.
10. Metal built up on complete periphery of both the cones and at various places where flanges of both the cones are worn out, if required.
11. Replacement of all the nuts and bolts of both the cones.
12. Erection & dismantlement of scaffolding as per site requirement.
13. Condition monitoring of fan by taking trial run at various speeds and setting right.
14. Balancing of fans, if required, shall also be carried out by the contractor.

e) **Replacement of 1 set of casing liner for 1 no. ID Fan**

(B) **Repair/Servicing of hydraulic coupling of 1 No. ID Fan:**

a) Decoupling of hydraulic coupling from fan as well as motor.
b) Drain of lube oil from hydraulic coupling into empty drums.
c) Opening of foundation bolts of hydraulic coupling.
d) Dismantling of hydraulic coupling and identification of damaged/worn out parts.
e) Replacement of damaged/worn out parts and reassembly of coupling after complete servicing.
f) Fitting of this hydraulic coupling on foundation of ID Fan.
g) Leveling and alignment of hydraulic coupling with motor and fan.
h) Filling of lube oil in the coupling.
i) Trial run of ID Fan.
j) Any other work required to complete the successful commissioning of ID Fan shall be in the scope of contractor.

(C) **OVERHAULING OF FLUE GAS DUCTING:**

1. Opening of manholes covers of all ducts, cleaning & repairing of all ducting from RAH outlet (from CE of both RAH) to ESP inlet (including ESP funnel portion), ESP outlet to chimney and all primary & secondary air ducting by cutting of patches from the standard size plate of 3.15/5/6 mm thickness and welding of patches. Removal of old patches by gas cutting where new patches are required. Cleaning of Primary Air Duct (Both Hot and Cold) up to mill inlet dampers and Secondary Air Duct is in the scope of contractor.
2. Repair of damaged guide vanes in the flue gas ducting by welding patches from new plate as per direction of Engineer-in-charge and providing MS angle (to be provided by HPGCL) at the corner of duct wherever required. The payment will be made on the basis of weight of chequered plate/MS Sheet/HR Sheet/angle used to execute the job.
3. Repair of damaged 4 Nos. honey combs at ESP inlet. Fabrication of new honey combs with chequered plate / MS / HR Sheet, their fitment & welding of same.
4. Welding of the old plates with running welding up to 300meter wherever required.
5. Repair/replacement of damaged duct support pipes, bracing / angle etc. inside the ducting up to 350meter wherever required & providing angle up to 400meter on all duct support pipes inside the ducting.
6. Checking & repairing of expansion joints (bellows) in flue gas ducting, Primary Air Ducts & Secondary Air Ducts by patch work with MS plate wherever required.
7. Replacement of 02 Nos. expansion joints (bellows) in secondary air ducting (expansion joints to be supplied by HPGCL). The work also includes providing of new fabric compensator (to be provided by HPGCL) over these expansion joints.

8. Replacement of 02 Nos. expansion joints (bellows) in Primary air ducting (expansion joints to be supplied by HPGCL). The work also includes providing of new fabric compensator (to be provided by HPGCL) over these expansion joints.

9. Repair of 4 Nos. RAH hoppers and 2 no. ducting hoppers by patch work/running welding as per requirement. Cleaning of 04 Nos. RAH Hoppers and 2 Nos. ducting hoppers is in the scope of contractor. Lifting & dumping of the ash to the ear marked area near ash disposal pond or as per instruction of Engineer in charge of work.

10. Replacement of asbestos ropes in all the manhole covers of flue gas ducting including flange joints of hot air ducting at the inlet of all the 3-mills (6 feeders).

11. Repair/Replacement of 30 MT MS/HR sheet/plate etc. for carrying out above works is covered in the scope of contractor. Any variation in quantity will be accounted for as per unit rates.

12. Providing refractory (approx. 02 MT) with wire mesh on Erosion prone area as per requirement.

13. Firm has to engage minimum 5 no. gangs for execution of repair work. However firm will have to deploy addition manpower if required for scheduled completion of work as per direction of Engineer – in - charge.

14. Erection of scaffolding & dismantlement of same after completion of work is deemed to be included in scope of work of contractor.

15. Air tightness test is to be conducted after completion of the job and in case any defect is found, it is to be attended by the contractor immediately after the test.

**Note:** Contractor has to ensure proper cleaning of site after completion of work and submission of complete scrap in the O&M Store.

Executive Engineer/MP-I, for Chief Engineer/PTPS-2, HPGCL, Panipat
LOADING SHEET FOR UNIT RATE ITEMS

The tentative loading of extra works as per quoted unit rates for the purpose of comparison of over all prices/complete evaluation of the tenders, shall be done as given below:-

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description of work for variation purpose</th>
<th>Loading Qty</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Replacement of fan side connecting coupling of ID fan</td>
<td>1</td>
<td>No.</td>
</tr>
<tr>
<td>2.</td>
<td>Replacement of motor side connecting coupling of ID fan</td>
<td>1</td>
<td>No.</td>
</tr>
<tr>
<td>3.</td>
<td>Replacement of casing Liners of one no. fan</td>
<td>1</td>
<td>Set</td>
</tr>
<tr>
<td>4.</td>
<td>Replacement of impeller Liners of one no. fan</td>
<td>1</td>
<td>Set</td>
</tr>
<tr>
<td>5.</td>
<td>Replacement of DE/NDE impeller seal of ID Fan</td>
<td>1</td>
<td>No.</td>
</tr>
<tr>
<td>6.</td>
<td>Running Welding of Ducting</td>
<td>150</td>
<td>Mtr.</td>
</tr>
<tr>
<td>7.</td>
<td>Repair of duct by patch work</td>
<td>5</td>
<td>MT</td>
</tr>
<tr>
<td>8.</td>
<td>Replacement of Duct support pipe</td>
<td>50</td>
<td>Mtr.</td>
</tr>
<tr>
<td>10.</td>
<td>Application of refractory</td>
<td>1</td>
<td>MT</td>
</tr>
<tr>
<td>11.</td>
<td>Providing angle over duct support pipe in air and flue gas ducting</td>
<td>100</td>
<td>Mtr.</td>
</tr>
<tr>
<td>12.</td>
<td>Replacement of expansion joint along with replacement of their fabric compensator of Secondary Air Duct</td>
<td>1</td>
<td>No.</td>
</tr>
<tr>
<td>13.</td>
<td>Replacement of expansion joint along with replacement of their fabric compensator of Primary Air Duct</td>
<td>1</td>
<td>No.</td>
</tr>
<tr>
<td>15.</td>
<td>Man hour rates (including T&amp;P gas consumables) for Skilled labour/ welder</td>
<td>50</td>
<td>Hours</td>
</tr>
<tr>
<td>16.</td>
<td>Man hour rates (including T&amp;P gas consumables) for Semi Skilled labour/ welder</td>
<td>50</td>
<td>Hours</td>
</tr>
<tr>
<td>17.</td>
<td>Man hour rates (including T&amp;P gas consumables) for Un-Skilled labour/ welder</td>
<td>50</td>
<td>Hours</td>
</tr>
</tbody>
</table>

Executive Engineer/MP-I,
for Chief Engineer/PTPS-2,
HPGCL, Panipat
1) **CONTRACT AGREEMENT**
The contractor shall execute a contract agreement with HPGCL on a Non Judicial Stamp Paper of appropriate value within 07 days of receipt of work order.

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

3) **EARNEST MONEY AND SECURITY DEPOSIT**
Earnest Money deposit is compulsory, without which the tender shall be rejected forthwith.
The Earnest money furnished by the successful tenderers on whom the work order is placed shall be converted into security deposits as a guarantee for faithful and satisfactory execution of the work order.

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

The Security Deposit shall be 10% of Contract value in all the cases. The EMD deposit by the successful bidder shall be kept as security deposit beside the retention money held from the running bills for stage payment.
The security deposit of the contractor shall be retained by HPGCL for faithful execution of the contract.

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

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

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

i) If the tenderer withdraws his tender at any stage during the currency of validity period.
ii) If the W.O has been issued but the contractor refuses to comply with it irrespective of fact the HPGCL sustains any loss on account of such default or not.

iii) In the event of a breach of contract in any manner.
iv) In case of evidence of cartel formation by the bidder (s).

v) In case contractor fails or neglects to observe or perform any of his obligations under contract, it shall be lawful for the HPGCL to forfeit either in whole or in part, in its absolute discretion, the EMD/ security deposit furnished by the contractor.

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

4) **PAYMENT TERMS**

i. 50% payment of contract value will be paid as stage payment against appropriate bill of the contractor and on the certification by Engineer-in-charge that 60% work stands completed.
ii. Next 30% of contract value against appropriate bill of the contractor and on the certification by Engineer-in-charge that 100% work stand completed.
iii. Next 10% of contract value against appropriate bill of the contract on submission of jointly accepted protocols.
iv. Balance 10% of contract value after completion of warranty period against appropriate bill of the contractor, however, the amount could be released after 30 days of completion of work in all respect on submission of performance bank guarantee of equivalent amount valid for warranty period.

5) **COMPLETION PERIOD**

I. Work is to be completed within 40 days from the date of commencement of work (as notified by Xen/BMD-VI) as per following schedule-

All the Fans and Ducting are to be made ready for air tightness test by 41st day.
II. The work shall be started within **93 days** from the date of notice which will be given to the contractor. However, the actual date of commencement for the purpose of completion period and application of penalty clause shall be notified by XEN /In charge of the work.

III. The work shall be carried out to match with other activities in progress of the unit.

IV. The contractor will have to work under the strict supervision of PTPS Engineers and may have to do the work a number of times if required till the work is found satisfactory and required parameters are achieved.

V. To complete the work within the stipulated period, work will be carried out round the clock with full strength in all the three shifts.

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

6) **RISK AND COST**

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

7) **PENALTY FOR DELAY**

   Time is the essence of the contract. The contractor shall ensure timely completion of the job as per stipulated completion period. In case of delay in completing the work/job, the penalty for delay will be imposed @ 1% of the total contract value per day or part thereof subject to maximum of 10% of the contract value shall means basic value of the contract exclusive of taxes and duties, if charged separately.

   Quantum of work may increase/decrease to any extent (known after opening of unit).

   Contractor will arrange additional manpower to complete the additional work, if any within above completion period. For the purpose of imposition of penalty, date of completion of job will be taken into consideration.

8) **DOCUMENTATION**

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

   i) Contractor shall submit monthly bill in duplicate to the Executive in-charge along with the following:

   a) Monthly bill for the AMC/ARC work and in other cases bill for the work done, in duplicate. The bill should be on the contractor’s bill book duly serially numbered and bearing date of issue, contractors EPF code, ESI code, Service Tax number, PAN & TIN. A photocopy of the EPF Code, ESI Code, Service Tax Number, Labour license Pan & TIN shall be attached with the 1st running bill for reference and record.

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

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

   ii) The bill of the contractor along with the annexure submitted by the contractor at i.) above, should be approved and verified by the officer in-charge for gross value as well as net payable value and accompanied with the certificates/ documents mentioned at iii and iv below.

   iii) Certificates from the Engineer In-charge that, a ) work has actually been done as per the contract and to the entire satisfaction of EIC. b) The copy of the EPF Challan, ESI Challan etc. submitted by the contractor pertains to the labour deployed at site and none of the worker has been excluded there from. c) The record entry of the work done has been taken in the small measurement book (SMB) at page no.________ dated __________.d) No penalty is leviable on the contractor on any account as per the certificate for stage payment, if required.

   iv) Certificate from Labour Welfare Officer/ Factory Manager stating that contractor has compiled will all labour laws and safety clearance certificate from safety officer, in case of non availability of Labour Welfare/Safety Officer, From EIC.
9) PERFORMANCE BANK GUARANTEE

Unless agreed otherwise, Contractor shall submit bank guarantee of the nationalized bank equivalent to 10% of the contract value in the prescribed Form(s) valid up to one month after completion of warranty period.

10) WARRANTY

I. The contractor shall stand guarantee for workmanship of overhauling and repair of equipments for a period of 90 days from the date of commissioning of equipment(s) after overhauling.

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

11) FORCE MAJEURE

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

i.) The delay is resulted from any causes arising out of compliance with regulations, orders or instructions of the Central or State Government, acts of God, acts of Civil & Military authority, fires, floods, strikes, lock-outs, freight embargoes, war risk riots and civil commotion and

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

12) IDLE LABOUR CHARGES

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

13) OVER RUN CHARGES

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

14) WATCH & WARD

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

15) FACILITIES TO BE ARRANGED BY CONTRACTOR

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

16) STATUTORY DEDUCTIONS

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

17) FACTORY ACT/ MINIMUM WAGES ACT/ INSURANCE ACT/ EPF ACT ETC.

Strict adherence of various applicable 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 the entire satisfaction of Central/State Govt. Authorities, shall be the responsibility of the Contractor and he shall have to make good loss, if any, suffered by HPGCL on account of default in this regard by the contractor. EPF/ESI contributions will be deposited by the contractor in his own EPF/ ESI code no. in the respective account of the workers. The contractor will submit the copy of ESI/EPF challan to the Factory Manager, at the time of 90% payment along with corresponding list of workers.

18) INSURANCE OF WORKERS

The contractor will be solely responsible for any liability for his workers in respect of any accident, injury arising out and in course of contractor’s employment. To meet his aforesaid obligation under the workman compensation Act, The contractor may obtain W.C policy from the Insurance Company for the persons employed by him for carrying out the work. The premium payable for aforesaid insurance policy shall be borne by the contractor. The contractor shall ensure that the said insurance policy of this insurance cover is required to be submitted by the contractor to Engineer-In-charge of work immediately after issue of L.O.I, but before the start work.

19) SAFETY RULES

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

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

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

20) ARBITRATION
All matters, questions, disputes, differences and /or claims arising out of and/ or concerning, and / or in connection with, an / or in consequence of ,or relating to the contractor whether or not obligations of either of both the Contractor and the Corporation under that contract be subsisting at the time of such dispute and whether or not the contract has been terminated or purported to be terminated or completed, shall be referred to the sole arbitration of MD, HPGCL or any 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.

21) LAWS GOVERNING CONTRACTS
All contracts shall be governed by the laws of India for the time being in force.
Irrespective of the place of delivery, place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued

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

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

23) SUBLETTING AND ASSIGNMENT
The supplier/contractor shall not, sublet, transfer or assign the contract or any part there of or interest therein or advantage thereof in any part thereof in any manner whatsoever without prior consent/approval of CE/PTPS-2, HPGCL, PTPS, Panipat.

CE/PTPS-2 reserves the right to cancel the enquiry at any time without assigning any reasons and will not be responsible and will not pay for any expenses or losses that may be incurred by the contractor towards preparation/mobilization for execution of the job against work order.

24) LIABILITY
This office reserves the right to claim adequate compensation from the contractor on account of any damage caused to the plant & equipment handed over to him for execution of the work, due to careless handling or negligence on the part of the contractor. However the total liability arising out of this contract shall be limited to the contract value.

25) The contractor shall keep the site clear and remove silt and dispose of all the waste material and rubbish from site as & when it accumulates and as directed and shall carry out any measure required complying healthy and hygienic conditions. The site should be left clean and tidy to the satisfaction of Engineer-in-Charge.

26) ADVANCE PLANNING
i. Immediately after receipt of work order but not later that 07 days, the contractor will submit the Bar Charts/Pert Charts/ Schedule i.e, planning for completion of work within the stipulated period, to the XEN-in-charge of work and XEN/Mtc. & Plg-I. This will be prepared in consultation with the concerned XEN-in-charge of work.

ii. Before commencement of work, contractor will give the details of all qualified & experienced manpower to the XEN-in-charge of work, so as to ensure completion of the total job safety and well within the stipulated completion period. However XEN-in-charge of work can refuse to deploy any staff/ manpower of contractor at commencement of work or any time during execution of work, who are not found suitable/ fit as per job requirement.
27. The scope of work is only tentative and as per the prevailing conditions of the equipment. The actual quantum of work will be known after opening of the equipment at the time of execution of work and The same may increase or decrease accordingly.

28. The activities mentioned in the scope of work in are details of possible works connected with the overhauling of equipments. However, it is not possible to list out all the minor activities in detail. So, all such minor/ any other left out activities essential for overhauling & commissioning of the equipments shall be deemed to be included in the scope of work.

29. As the manpower will be handling costly & sophisticated equipments of the Power Plant, therefore, the contractor will ensure that only skilled personnel, who have already handled such equipments during overhauling, should be deployed. The ward and watch of the equipments to be overhauled is in the scope of contractor.

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

31. The recovery in respect of any spares which get damaged due to negligence on the part of the contractor will be done at the rates as mentioned in the price catalogue of HPGL’s OEM or any other PO/ Source, plus 10% supervision charges.

32. During the course of this work, the contractor shall keep a competent authorized representative and his assistants so that the progress of the work is not hampered. The representative shall represent the contractor in his absence all directions given to him shall be binding as if given to the contractor. In no case, the authorized representative can refuse to follow the instructions.

Executive Engineer/MP-I,
PTPS, Panipat.
1. Establishment of Registration (TPPS) and obtaining the Labour License/Renewal.

The Panipat Thermal Power Station is required under Section -7 of Contract Labour Act, 1970. The name of working Contractor must be on the list of Contractors otherwise (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 then 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 Central 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. The workers deployed by the Contractor 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 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 authorised 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)), Attendt 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 case of non issuance 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.

5A) 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 NSF of appropriate value 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 Factories 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.

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 discharge, dismissal, and plot of his labour / workmen, and keep the HPGCL and its officers indemnified from all claims and 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.

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.15000/- per month. The rate of deduction i.e. 12% on the minimum wages fixed by the labour by the Govt. or actual wages drawn (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 employee 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 along with 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 in charge of the work / Accounts Branch/CLWO and only after that the security of the firm will be released.

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

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

It is statutory obligation for the contractor under Section 63 to 73 of Contract Labour Act-1948 that the workers drawing gross wages up to Rs.15000/- , 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 worker 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 , filling 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 widows 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 this report in respect shall be submitted along with bills to officer-in-charge/ Account Branch.

9. Factory ACT/Minimum Wages Act/Insurance ACT/EPF ACT etc


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 , filling 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 widows which are provided by the ESI Department and contractors will be responsible for consequences.

10. INSURANCE OF WORKERS

The contractor will be solely responsible for any liability for his workers in respect of any accident, injury arising out in course of their 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 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 of the said premium will be done in the contractor and unless the contractor submit photocopy of the insurance cover. This is mandatory for all the contractor’s workers who are not covered under ESI, while working in TTPS premises.

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

Executive Engineer/MP-I, PTPS, HPGCL, Panipat
1. **T & P**
   The contractor will arrange all the T&P (Whether heavy or light) required for smooth execution of the complete job including welding set, gas cutting set, winches, chain blocks, pulleys etc.

2. **CONSUMABLES**
   All consumables like welding electrodes (general & special) including TIG wire, TGSM, TGS-1cm- 2cm, Enconnel 1-02, welding & cutting gasses, Argon gas, waste cotton, emery papers, cleaning agents, Oxygen and DA Gas cylinder shall be arranged by the contractor at his own cost. Welding electrodes will be of following make and will be got approved from Engineer-in-charge: (i) L&T (ii) D & H (iii) Advani (iv) ESAB. However, special electrodes for the hard facing / repair of coal burners, SS Tubes & SS Valves will be provided by HPGCL free of cost.

3. All HP welding is to be done by qualified IBR Welder whose IBR certificate duly endorsed by CIB, Haryana is required to be submitted to this office before start of work.

4. All the spare parts which from the part of the equipments like gaskets, grease, oil for final filling, nuts, paint & joining materials shall be arranged by HPGCL free of cost. Welding electrodes will be of following make and will be got approved from Engineer-in-charge: (i) L&T (ii) D & H (iii) Advani (iv) ESAB. However, special electrodes for the hard facing / repair of coal burners, SS Tubes & SS Valves will be provided by HPGCL free of cost.

5. Contractor shall arrange transportation of material from Store to site and dismantled material from site to Store.

6. EOT crane, chain pulley block etc., wherever provided/available at site shall be provided by PTPS free of cost. If during the use, any damage occurs, the same shall be got repaired by the contractor. In case of non availability of EOT Crane, Chain Pulley block etc. at site then the contractor will make his own arrangement for the same at his risk and cost without affecting the schedule of overhauling.

7. Water, electricity, compressed air will be given by HPGCL free of cost at the nearest point available. Further connections of the same shall, however, be made by the contractor up to the site of works at his cost.

8. The contractor shall arrange all testing equipments such as D-meters, Ultrasonic machine, dye penetration test kit, radiography test kit, stress relieving equipment, heat treatment process etc. as per the job requirement.

9. The existing facilities available in Departmental Workshop shall be provided by HPGCL free of cost wherever available; otherwise, the contractor shall be responsible for carrying out the job by making his own arrangement without affecting the completion schedule in any way.

10. Contractor shall fully associate with trial run, commissioning and balancing of the equipments, if required, up to the full load and keep sufficient manpower to attend fault etc. if any.

11. The contractor shall arrange the hydraulic jack with more than 100 Ton capacity. Any short coming, defect/deficiencies noticed during testing & commissioning shall have to be rectified by the contractor immediately at his own risk and cost to avoid any delay in the overall commissioning of the unit, irrespective of any reason whatsoever may be.

12. The contractor shall abide by all the clauses of the Boiler Acts, as applicable. The HPGCL will deposit the inspection fees of the Boiler with Chief Boiler Inspector, Haryana. But the contractor shall be responsible for getting the Boiler passed from CIB, Haryana. In case Boiler needs to be re-inspected, charges for the same will be deposited by the contractor. Permission to carry out repair works from CIB, Haryana and all requisite documents will be arranged by the contractor.

13. The work will be carried out round the clock with full strength of technicians and supervisors.

14. The contractor will deploy parallel groups who will work simultaneously in parallel round the clock in full strength.

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Executive Engineer/MP-I, for Chief Engineer/PTPS-2, HPGCL, Panipat
SUPERVISION/QUALITY CONTROL OF WORK

1. 100% checking/supervision of the work will be done by the concerned Mtc. Division i.e. BMD-VI.

2. The supervision will be supplemented with random/stage inspection by Mtc. Planning Division,

3. The contractor will submit the advance programme/list of jobs/activities proposed to be done during the week at the start, to the Mtc. Planning Division as well as to Mtc. Division. This programme shall be chalked out in consultation with the concerned Mtc. Division i.e. BMD-VI

4. The contractor shall also submit the details of the actual work done at the end of every week to Mtc. Planning Division as well as Mtc. Division for record and reference whenever required. This will also be one of the bases for signing the PROTOCOLS as per clause –5 below after full completion of the work and successful commissioning of the equipments.

   a) After completion of the job/work and successful commissioning of the equipments to place on record that the work has been done by the contractor as per scope of work of the work order, PROTOCOLS will be prepared by the contractor in consultation with concerned Mtc. Division (executing agency) & Mtc. Planning Division -I (Contract Cell) and got signed from AE/AEE & Xen of the concerned Mtc. Divn i.e. BMD-VI & AE/AEE & Xen of Mtc. Planning Divn-I, PTPS, Panipat.

ON THIS PROTOCOL a certificate will be recorded by the contractor that all the observations pointed out during supervision by HPGCL were attended.

Executive Engineer/MP-I,
for Chief Engineer/PTPS-2,
HPGCL, Panipat.
ANNEXURE-J

STATEMENTS OF BIDDERS

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

4. Contact details of authorized person
5. e-mail id of firm/authorized person
6. Legal status

7. PAN & TIN Number of the Bidder (attached self attested photocopies)
   PAN ______________________
   TIN ______________________
   CST No. _________________________

8. 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)

9. Any other

Signature & Stamp of Bidder

Name & Designation of Authorized Bid Signatory _____________________
ANNEXURE-K

Acceptance Certificate

I ____________________________________ Designation ______________________________________

of (Name of the Company) ________________________________________________________

________________________________________________________________________________

here by accept the terms and conditions given on page No. 1 to 21 of the tender document (NIT no. 523/ MP-8017 / FANS /2016)

For M/s ________________________________