

PANIPAT THERMAL POWER STATION
(A Unit of Haryana Power Generation Corporation Limited)
(Regd. Office: C-7, Urja Bhawan, Sector-6, Panchkula)
Corporate Identity No. U45207HR1997SGC033517
Website:-www.hpgcl.gov.in



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

TENDER DOCUMENT

FOR

Replacement of the UPS system of control room Unit-7 & 8, PTPS, Panipat with new-one.

NIT No. 15/Unit-7 & 8 / PTPS / C&I-8 / 159

Dated - 03-07-2026

CHIEF ENGINEER/PTPS
PANIPAT THERMAL POWER STATION,
HPGCL, PANIPAT
MOBILE NO. 8222023873
E-mail Id: xenci8.ptps@hpgcl.org.in

INDEX

Sr. No.	Description	Annexure	Page No.
1	Notice Inviting e-Tender		3
2	Pre qualifying requirements (PQRS) / eligibility conditions for the tenders	I	4-5
3	Instructions to bidder on Electronic Tendering System	II	6-9
4	Information regarding online payment of e-tender document fees, e-service fees & EMD fees	III	10
5	Scope of Work	IV	11-15
6	Rate quoting sheet	V	16
7	General terms and conditions	VI	17-22
8	Special Conditions of contract	VII	23-24
9	Statement of Bidder	VIII	25
10	Contract Agreement	IX	26
11	Acceptance Certificate	X	27

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS,
HPGCL, Panipat



HARYANA POWER GENERATION CORPORATION LIMITED

Regd. Office – C-7, UrjaBhawan, Sector-6, Panchkula

Corporate Identity Number: U45207HR1997SGC033517

Website: www.hpgcl.gov.in

An ISO: 9001, ISO: 14001 and OHSAS: 18001 Telephone No. 0180-2566858 Fax No. 0180-2566858 Certified Company

ONLINE NOTICE INVITING e-TENDER

NIT No. /Tender Ref. No.	15/Unit-7 & 8 / PTPS / C&I-8 / 159 Dated – 03-07-2026.
Description of Work	Replacement of the UPS system of control room Unit-7 & 8, PTPS, Panipat with new-one.
Period of contract	As per tender document
Start date and time of tender uploading	03-07-2026 at 18:00 Hrs.
Last date for submission of online tender	24-07-2026 at 13:00 Hrs.
Last date for downloading of tender & Bid submission.	24-07-2026 at 13:00 Hrs.
Due date & time of opening of Technical Bid (Part-I)	28-07-2026 at 15:00 Hrs.
Tender document Fee (Non-refundable)	Rs. 1180/-inclusive of all taxes.
E-service Fee (Non – refundable)	Rs. 1180/- inclusive of all taxes.
Earnest Money(refundable)	Rs. 3,60,000/-
Contact Information	Executive Engineer/C&I-VI, PTPS, HPGCL, Panipat-132105. Mob. No.- 8222023873, 9315017534.

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS,
HPGCL, Panipat

PRE-QUALIFYING REQUIREMENTS (PQRS)/ELIGIBILITY CONDITIONS FOR THE TENDERES:

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

The bidder should be Original Equipment Manufacturer / Supplier (OEM/OES) or a registered vendor of HPGCL as per vendor Registration Policy for the specific category of the work/purchase.

OR

Bidders must have experience of having successfully executed the Purchase Order (s) / Work Order (s) for the same or similar item (s) / work (s) i.e., Supply, Installation & Commissioning of new UPS of capacity 105 KVA or above in HPGCL/ NTPC/ any SEBs/ any PSUs/ any Corporations/ Central Govt. /State Govt. /Semi Govt. or in any Thermal/Hydel plant and have average annual turnover and other eligibility conditions as given below:

Experience of Execution of Purchase Order/ Work Order

Bidders must have successfully executed the Purchase Order (s) / Work Order (s) for the same or similar item (s) / work (s) during last 07 years ending last day of the month previous to the month in which applications are invited having minimum order value as:

1. Single order of the value not less than Rs. 1.44 Crore/- inclusive of Taxes or
2. Two orders of the value not less than Rs. 0.89 Crore/- inclusive of Taxes each or
3. Three orders of the value not less than Rs. 0.72 Crore/- inclusive of Taxes each

Note: The Bidder must have contractor ID on HEWP Portal (Haryana Engineering Works Portal) for participation in the tendering process failing which firm’s tender will be straight way rejected.

Turnover

Bidders must have average annual turnover in last 3 consecutive financial years ended prior to the financial year in which the applications are invited shall not be less than Rs. 1.8 Crore.

Note:

- i) Average Annual Turnover is sum of the Annual Turnover of preceding 03 years / 03 (As per Audited accounts)
- ii) $ATO = \frac{EC \times 12}{CP}$
ATO = Annual Turnover
EC=Estimated Cost
CP= Job Completion in months (Contract Period)
- iii) Other income shall not be considered for arriving at annual turnover.

Note:

- i) In case where audited results for the last preceding financial year are not available for determining the average annual turnover, certification of financial statements from a practicing-chartered accountant shall be considered acceptable.
 - ii) No Qualification of Average turnover is required in cases where Estimated Cost is less than Rs. 5 Lacs.
1. The tender document of only those bidders shall be considered who fulfill the eligibility criteria and submit documentary evidences in support of the same along with copy of performance certificate / repeat orders from the same organization if any.
 2. Decision of the HPGCL regarding fulfillment of pre-qualification requirement shall be final and binding upon the bidders.
 3. A certificate to the effect may be submitted by the bidder that the tenderer is not black listed from any Public Sector undertakings of Central Govt. / State Govt. / SEBs / Corporations / any other reputed Thermal / Hydel Plant etc.
 4. That GST Registration Certificate of place of supply i.e., is valid as on date.

That no default has ever made by bidder in filing the various GST returns and deposit of GST dues with the department.

That bidder is having multiple registrations under GST i.e., and no default has ever been made by bidder in filing the various GST returns and deposit of GST dues with the department for above GST numbers. If a default is found at a later stage under a GST number even if the GST number pertains to some other state, then it will be construed as misrepresentation of facts and will make the vendor ineligible to participate in tender.

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS,
HPGCL, Panipat

Instructions to bidder on Electronic Tendering System

1- Registration of bidders on e-Procurement Portal:

All the bidders intending to participate in the tenders processed online are required to get registered on the centralized e-Procurement Portal. Please visit the website for more details i.e., etenders.hry.nic.in and <http://works.haryana.gov.in>.

2- Download of Tender Documents:

The tender documents can be downloaded from the Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>). The bidder who does not have contractor ID on HEWP cannot participate in tendering process. The bidders who have contractor ID but have not registered on HEWP can participate in tendering process by paying the Earnest money through online payment on the portal.

3. Pre-requisites for online bidding:

In order to bid online on the Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>), the user machine must be updated with the latest Java. The link for downloading latest java applet is available on the home page of the Portal.

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 Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>).

5. Bid Preparation (Technical & Financial) Online Payment of Tender Document fee, e-Service Fee, EMD Fees of online Bids:

- i) The Bidders shall have to pay for the Tender documents, EMD Fees & e-Service Fees (Rs. 1180/-) online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through **Debit Cards & Internet Banking Accounts** and the Payment for **EMD** can be made online directly through **RTGS / NEFT**. "The bidder who does not have contractor ID on HEWP cannot participate in tendering process. The bidders who have contractor ID but have not registered on HEWP can participate in tendering process by paying the Earnest money through online payment on the portal."
- ii) The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification and all other terms and conditions except the rates (price bid). The bidder shall quote the price in price bid.
- iii) The tender shall be opened on due date by Tender Opening Committee comprising of Executive Engineer/FM, AE/FM Plant and a representative of finance/ account department.

6. Key Dates

The Tenderers can submit their tender documents (Online) as per the dates mentioned in the following format:

Sr. No.	Department Stage	Tenderer's Stage	Start date and time	Expiry date and time
1	Tender Authorization & Publishing	-	03-07-2026 18:00 Hrs.	24-07-2026 13:00 Hrs.
2	-	Downloading of Tender Documents, Bid Preparation & Bid submissions	03-07-2026 18:00 Hrs.	24-07-2026 13:00 Hrs.
3	Technical Opening (Part-I)	-	28-07-2026 (15:00Hrs.)	---
4	Short listing of technical bids & Opening of Price Bid		Will be intimated to the firms on their e-mail	

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders. If bidder fails to complete the Online Bid Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.

- 7- If the tenders are cancelled or recalled on any grounds, the tender document fees & e-service fee will not be refunded to the firm.
- 8- Unless exempted specifically, tenders not accompanied with the prescribed EMD/ Cost of Tenders shall be rejected. EMD/Cost of Tender shall be deposited in the prescribed mode of payment as asked in the NIT; otherwise, the tenders shall be liable to be rejected.
- 9- The bidder shall ensure that payment of earnest money shall be made at least 48 hrs. prior of the closing time of submission of bid.
- 10- The bidder can revise his bid any number of times but only before last date of submission of bid. All previous quotes are deleted & only the latest price quoted shall be visible on date of opening of price bid.
- 11- The validity of the tender/ quotation should be at least for 120 days from the date of opening of price bid.
- 12- Negotiation will be held as per negotiation policy of HPGCL and amendment thereof applicable from time to time.
- 13- The bidders / contractors shall observe the highest standards of ethics during the submission of tender, procurement and execution of the contract. In case of evidence of cartel formation by the bidder(s), EMD is liable to be forfeited.
- 14- The bidder shall bear all costs 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.
- 15- Chief Engineer, PTPS, HPGCL, Panipat reserves the right to cancel the NIT or to change qualifying requirement or to reject any or all the tenders so received without assigning any reason.
- 16- No price details should be given or hinted at in the technical bid (part-I). Tenders , where prices are quoted in any other way, shall be rejected as nonresponsive.
- 17- **Earnest Money Declaration Form:** Bidders registered by Haryana Government – the bidder shall upload earnest money declaration form as per format given in Section – 7 in the bidding document online, which can be generated from contractor login on Haryana Engineering Works Portal. The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.

Earnest money /Earnest money Declaration Form (as provided in Section 7) shall be opened online and checked for correctness along with tender document fee. If the earnest money declaration form / earnest money is found in order, technical Bid shall be opened (Online) in the presence of such contractors who choose to be present. **The Financial offer shall be opened (Online) only, if the bidders meet the qualification criteria as per the bid document. The date of opening of Financial Bid shall be intimated separately.**

The bidders shall upload their technical offer containing documents, qualifying criteria, technical specification and all other terms and conditions except the rates (Price bid). Submission of bids will be completed by submission of the digitally signed & sealed bid as stated in the time schedule (Key Dates) of the Tender.

- 18- **Tender Closing:** After the submission of bid by the bidders, the bidding round will be closed. Once the online tender is closed, no new contractor can bid in the tender.

NOTE: -

- If bidder fails to complete the Online Bid Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.
- From the starting date of tender downloading to final date of submission of bid, the bidder can rework on his bid number of times he wants. If bidder submits the revised bid including price bid, original bid will automatically delete and this revised bid will become original bid. No revised bid will be submitted after Part-I (Technical Bid) is opened.

- Complete bid will only be submitted after realization of tender document's fee and EMD. The tender of the bidder who does not satisfy the qualification criteria in the bid documents are liable to be rejected and financial bids will not be opened.
- Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <http://works.haryana.gov.in> and <http://etenders.hry.nic.in>.
- For help manual please refer to the 'Homepage' of the e-Procurement website at etenders.hry.nic.in, and <https://works.haryana.gov.in> click on the available link 'How to...?' to download the file.

19- Preliminary Information for bidders:

- a) **Registration of bidders on e-Procurement Portal:** -
All the bidders intending to participate in the tenders processed online are required to get registered on Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>). Please visit the website for more details.
- b) **Obtaining a Digital Certificate:**
- i) 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.
- ii) 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 – Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>).
The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from: For queries on Tenders please visit Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>).
Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt the data and sign the hash during the stage of bid preparation & hash submission. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised to **keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).
- iii) 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.
- iv) 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.
- v) 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.
- vi) Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>).
- vii) For help manual please refer to the 'Home Page' of the Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>).
- viii) Before submitting tenders, the instructions may be read carefully regarding submission of tender. If any bidder finds discrepancies or omissions in the tender documents or is in doubt as to the true meaning of any part, he shall clarify same from tender issuing office in writing before the due date and time of submission of the bid.

19 Opening of Tender:

- a) The Price Bid (Part-II of the tender) shall be opened after Part-I of the tenders have been scrutinized and evaluated.
- b) The tenderers whose Part-I have been approved, will be allowed to participate in opening of Price Bid (Part-II).
- c) The due date and time for opening of Price Bid (Part-II) shall be informed later on.

20 In case due dates of sale / receipt /opening of tender happens to be holiday in PTPS/HPGCL, the needful will be done on next working day

21 Any other statutory taxes / levies, if to be charged extra, should be clearly indicated by tenderers in their offer separately and to be attached, failing which it will be presumed that their quoted price is inclusive of all such statutory taxes / levies.

22 Bidder shall put dated initials on each page of the work order including the above terms and conditions printed on both side of the paper.

23 **The Bidder must have contractor ID on HEWP Portal (Haryana Engineering Works Portal) for participation in the tendering process failing which firm’s tender will be straight way rejected.**

24 For HEWP registered bidders: -

Earnest money declaration form: - bidders registered by Haryana Government- the bidders shall upload an earnest money declaration form as per format in the bidding documents online, which can be generated from contractor login on Haryana Engineering works portal. The Format of the declaration form is as under:

Earnest Money Declaration Form

(In case of bidder is registered as contractor with Haryana Government on Haryana Engineering Works Portal).

- 1. I hereby submit a declaration that the bid submitted by the undersigned, on behalf of the bidder, (name of the Bidder), shall not be withdrawn or modified during the period of validity i.e., not less than 120 (one hundred twenty) days from the bid due date.
- 2. I, on behalf of the bidder, (Name of Bidder), also accept the fact that in case the bid is with-drawn or modified during the period of its validity or if we fail to sign the contract in case the work is awarded to us or we fail to submit a performance security before the deadline defined in clauses of the tender document, then (Name of Bidder) will be debarred for participation in the tendering process in any- Department/Boards/Corporations etc. of the Government of Haryana for a period of Two year from the bid due date of this work.

Signature & Stamp of Bidder

Signature & Stamp of Bidder

Name & Designation of Authorized Bid Signatory _____

All the terms & conditions of the tender shall be governed by Purchase Regulation of HPGCL 2015 with amendments available on HPGCL web site (www.hpgcl.org.in).

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS,
HPGCL, Panipat

INFORMATION REGARDING ONLINE PAYMENT OF e-TENDER DOCUMENT FEES, e-SERVICE FEES & EMD FEES

The Bidders can download the tender documents from the Haryana Engineering Works portal (<http://works.haryana.gov.in>) and E tender Portal (<https://etenders.hry.nic.in>). The Bidders shall have to pay for the Tender documents, EMD Fees & eService Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks.

1. The Bidders shall have to pay for the Tender documents, EMD Fees & e-Service Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks. The Payment for Tender Document Fee and e-Service 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. Payment by any other mode would not be accepted.
 2. It is advised that the bidder make the payment for EMD via RTGS / NEFT to the beneficiary account number as mentioned in the challan at least T+2 day (Transaction + Two day) two day in advance to the last day for validation on account / transaction period.
 3. If the tenders are cancelled or recalled on any grounds, the tender document fees & e-service fee will not be refunded to the agency.
 4. The following are exempted from depositing the earnest money: -
 - i) Public Sector Undertakings of the Central / Haryana State Government.
 - ii) Firms borne on D.G.S. & D/DS&D Haryana rate contracts.
 - iii) Firms registered with the Director of Industries, Haryana or registered with National Small scale Industries Corporation, Govt. of India.
 - iv) Firms borne on the HPGCL's approved list of suppliers which may have made a permanent earnest money deposit of Rs.10.00 Lacs 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.
- Note:** Those agencies who are exempted from EMD, should submit proof of related documents.
5. The Tenderers can submit their tender documents (Online) as per the dates mentioned in the key dates.
 6. **For HEWP registered bidders: -**

Earnest money declaration form: - bidders registered by Haryana Government- the bidders shall upload an earnest money declaration form as per format in the bidding documents online, which can be generated from contractor login on Haryana Engineering works portal. The Format of the declaration form is as under:

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SCOPE OF WORK

Technical Specifications

Detailed Technical Specifications of UPS	
Technology	Latest Digital Signal Processing Based (DSP)
Power Rating in KVA	105KVA
Power Rating in KW	84KW
Rectifier Type	12 Pulse Full wave Controlled Thyristorised
Main Input	
Rated Voltage	415 VAC, 3 Phase, 3 Wire
Voltage Range	+10%, -15%
Rated Frequency	50Hz
Frequency Range	± 6%
Input Current harmonics	Up to <13%
Overall Efficiency@100% Load	Up to 84% (With input X'mer)
Power Walk in	Progressive over 15Sec.
Operation with Reverse Phase Sequence	Possible
Input Transformer	Inbuilt
Input Power Factor	0.85
Static Bypass Input	
Rated Bypass Voltage	230VAC
Bypass Voltage Range	±10%
Rated Frequency	50Hz
Synchronized Range	+/-1% to 6% Field
Output Inverter	
Inverter Operating Range -VDC	305 to 423 VDC
Rated AC Voltage	230VAC
Voltage Regulation	± 1%
Power Factor	0.8
Rated Frequency	50Hz
Frequency Regulation - Unsynchronized	± 0.1%
Synchronized Range	± 3Hz
Max rate of change Frequency	1Hz/Sec
Transient Response@ rated load change	± 5%
Transient Recovery to 98%	1 Cycle
Output Voltage Distortion Non Linear Load Linear Load	< 5% < 3%
Transfer time from inverter to Bypass	
Synchronized Mode	< 4 Millisecond
Unsynchronized Mode	> 20Millisecond
Crest factor	3:1
Overload Capability	110% for 60minutes 125% for 10minutes 150% for 01minutes 300% for 4msec
Branch fuse clearing ability	30% of UPS rated current (fast acting semiconductor type fuse)
Output Isolation Transformer rating (KVA)	105 KVA, 203V:250V
Battery / Charger	
Charger Voltage Regulation	± 1%
Maximum Boost Voltage	435 VDC - 482VDC
Minimum Cut off Voltage	305 VDC - 335VDC
Type of Battery Supported	SMF - VRLA
Ripple voltage	<2 % rms
System	
Display	2 lines with 16 characters (English characters)
Ingress Protection Class	IP 42
Communication	Modbus RS485 (Optional)
Operating Temperature	50°C
Storage	0-70°C

Relative Humidity	95% Non Condensing
Noise	<75 dBA
Altitude	1000 Meters ASL
Mechanical Parameter - Panel	
Height (MM)	2450 MM (Max.)
Depth (MM)	1000 MM (Max)
Total Length (MM)	6000 MM (Max)
Color / Panel Finish (Power Coated)	RAL 7035
Paint Thickness	> 60 Micron
Cable Entry	Front - Bottom
Cooling	Froced - Air Cooled
Base	100mm Plinth
Panel Material of construction (Frame/Cover)	2/1.6
Gland Plate Material and Thickness	AL 3MM
Ground Bus bar Material/Size Detail	AL 25x6MM
Suitable Maximum Cable Size	Input - 1RX185 Sq.mm AL/CU Output - 2RX240 Sq.mm AL/CU Battery - 1RX240 Sq.mm AL/CU
Input MCB Rating	400A
Battery MCCB Rating	400A
Bypass MCCB Rating	320A (Pole parallel)
Ouput MCCB Rating	320A (Pole parallel)
Manual Bypass MCCB Rating	320A (Pole parallel)
Other Information - Optional Feature	
Altitude Derating Factor	1% per 100m between 1000m - 2000m
Other Feature	1. Fan Redundancy 2. Fan Fail 3. Fuse Fail 4. BMS 6. Input Higher Fault Level 50 kA 8. Emergency Stop (SSW Disable) 9. Input R,Y,B Indication 10. Input ON,OFF,Trip Indication
Communication	Modbus RS485
Potential Free contact	8+1 Common (Default)
Metering	Input > V,A,F Byp > V,A,F Inv > V,A Load > V, A, F, kW, kVA, PF Battery > V, A (C/D) UPS > kW, kVA, PF
LED Indication (Mimic)	1. Alternate Input 2. Mains Input 3. Rectifier Operation 4. Battery Discharge 5. Battery Charge in Floot mode (GREEN) Battery Charge in Boost mode (RED) 6. Battery MCCB / Isolator 7. Inverter Operation 8. S/S Inverter 9. S/S Alternate 10. Synchronization 11. Common Alarm Indication / Fault
Alarm Details	USER INTERFACE CARD FAULT ALARM LIST
	CHG COMM. FAIL // UI ALARMS
	SC COMM. FAIL
	CHG COMM. FAIL
	DC-DC COMM. FAIL
	BAT MCCB OFF UI
	DC GROUND
	MAIN'S FAIL
	BATT. DISCHARGE
	RECTIFIER FAIL
	BATT.LIFE DETORA
	CHARGER FAIL / ONLY FOR CVCF MODEL
	BOOST CHARGING // ONLY FOR CVCF MODEL
	MAINS HIGH TRIP

	CHG CAN FAIL // FOR CHARGER CAN FAIL INDICATION (THIS IS TO BE UPDATED IN THE UART ROUTINES)
	SYSTEM CONTROL CARD FAULT ALARM LIST
	INV LOW // SC ALARMS - 1
	INV HIGH
	ALT LOW
	ALT HIGH
	OUT LOW
	OUT HIGH
	INV OUT OF BAND
	ALT OUT OF BAND
	OUT OUT OF BAND
	LOAD ON BYPASS
	MAN.TRANS TO ALT
	SELF RESET
	INV TRIP
	OUT FO
	ALT FO
	NO SYNC
	ALT IS ANTICLOCK
	UPS-1 CAN-A FAIL
	UPS-1 CAN-B FAIL
	UPS-1 OFF
	OUTPUT OVERLOAD // SC ALARMS - 3
	OUTPUT OL TRIP
	OUTPUT CL ACT.
	UPS OVERLOAD
	UPS OL TRIP
	UPS CL ACT.
	INV HIGH DC
	LOW BATTERY
	LOW BATTERY TRIP
	SYS ON BATTERY
	INV SAT TRIP
	UPS-1 FREQ FAIL
	UPS-2 FREQ FAIL
	REV POWER TRIP
	LOAD ON INVERTER
	INV OVER TEMP // SC ALARMS - 5
	SSW OVER TEMP
	MBS SWITCH ON
	MIS SWITCH OFF
	+5V SUPPLY FAIL
	+12V SUPPLY FAIL
	-12V SUPPLY FAIL
	LS-1 SUPPLY FAIL
	+5V SPLY-2 FAIL
	+12V SPLY-2 FAIL
	-12V SPLY-2 FAIL
	LS-2 SUPPLY FAIL
	UPS-2 CAN-A FAIL // SC ALARMS - 6
	UPS-2 CAN-B FAIL
	UPS-2 OFF
	UPS-3 CAN-A FAIL
	UPS-3 CAN-B FAIL
	UPS-3 OFF
	UPS-4 CAN-A FAIL
	UPS-4 CAN-B FAIL
	UPS-4 OFF
	INV SSW ERROR
	ALT SSW ERROR
	STOP COMMAND
	CHARGER CONTROL CARD ALARM LIST
	CHG OVER TEMP. // CHARGER ALARMS BYTES FOR I4+T UPS

	CHG PMI FAIL
	CHG CAN FAIL
	CHG DC UNBL TRIP
	CHG DC UNBALANCE
	I/P PHASE OUT
	B-TEMP SENSE FAL // IF BATTERY TEMP COMPENSATION MODULE IS PROVIDED
	B-TEMP COMM FAIL // IF BATTERY TEMP COMPENSATION MODULE IS PROVIDED
	MAINS HIGH
	MAINS LOW
	MAINS FREQ O TOL
	MANUAL BOOST
	CHG HIGH DC
	BAT MCCB OFF CHG
Note : The above UPS shall be got tested on test bed in OEM factory as per IEC62040-3 standards in the presence of HPGCL representative at the cost of the agency/ firm. The machine shall be accompanied with the test report duly certified by the OEM.	

- UPS system shall comprise of Rectifier cum Charger (one module), Inverter and Static Switch and shall be Digital Signal Processor (DSP) type.
- All the cards and PCB shall be coated with minimum of G3 conformal coating. Same shall be verified during FAT. Proper certification to be provided.
- Battery shall be directly connected to inverter. No intermediate components DC-DC Converter/boosters are to be used in the power DC circuit and Battery / DC Path same shall not be acceptable. (Detailed SLD required to submit along with Bid).
- The UPS supplied should be compatible with the already installed battery banks. Details of the installed battery banks is as follows:-
No. of battery bank - 02 (Two)
Capacity of each Battery bank – 760AH
Each cell voltage – 2Volt
No. of cells & type – 192 cells / VRLA type
- The DSP based Rectifier-Cum-Charger (Separate Charger to charger the Battery shall not be permitted) shall operate according to the constant voltage current limiting principle and shall incorporate a “Soft Start” feature to gradually accept load on initial energizing.
- The 3-Phase, Full Wave fully controlled, DSP based 6-pulse Rectifier-Cum-Charger heavy duty Double Wound Galvanically isolated Rectifier bridge employing heavy-duty Thyristor (SCR) (Combination of SCR-Diode Uncontrolled Rectifier shall not be permitted) shall be used to convert the incoming 3 phase AC input to DC Level (Detailed SLD required to submit along with Bid)
- Battery Parameters must be adjustable from LCD/HMI Display only. No additional software & controller are envisaged.
- The rectifier section of the UPS system shall be capable of precise regulation to prevent damage to the battery. The output voltage of the rectifier’s DC bus without the battery shall be stabilized to within $\pm 1\%$ of set value of float-charge voltage specified by the battery manufacturer during Load variations from 0 % to 100 % of the rated output of the rectifiers and specified mains input supply voltage
- 2 X 100% Redundant Cooling Fans are required (N+1 Redundant Fan is not acceptable)
- Inbuilt Battery Bank Monitoring System (BMS) shall be required which shall be monitored and shown below parameters on LCD Display of UPS
Back-up AH
Back-up Time
Back-up life in Months
Back-up Life in cycles
- The transformer shall be dry type, double wound, Class F insulated with Aluminium conductor limiting temperature rise to class B limits.

- Digital Signal Processor (DSP) based Window annunciator shall be provided for alarm annunciation with acknowledge, test and rest push buttons and a buzzer.
- Offered model should have valid type test report for EMC/EMI as per IEC 61000-4-5:2014 and parametric test shall be as per IEC 62040-1,2,3.

Other responsibility of the Firm/company: -

- a) Dismantling of the existing UPS & shifting of scrap at site store/ O& M store PTPS as per the direction of Officer- in-charge.
- b) GAD (general arrangement drawings) for approval of the UPS may please be provided by the firm within 3 weeks of issuance of LOI.
- c) Supply of materials/components/parts of UPS of product containing features as mentioned above within 14-16 weeks from the approval of GAD.
- d) Installation, testing, and commissioning of UPS at site should be completed by the firm within 20 days for each Unit after intimation of the site clearance from each Unit separately.
- e) Loading and unloading of the material at site store and shifting of materials/products within the site (including shifting from existing store to another store or location).
- f) All the masonry and constructional work required to complete the site work like opening and closing the wall window ceiling any other scaffolding etc.
- g) Any other additional electrical works such as cabling, wiring, etc.
- h) Any other minor work required to carry out for completion of the job is in the scope of the contractor.
- i) Air, water and electricity shall be provided free of cost by HPGCL.
- j) At the time of the load testing at site the firm shall depute their representative as per the direction of the officer-in-charge.

Note: -

- **The contractor/bidder/Firm shall provide the free of cost comprehensive CMC (Including supply & spares) of the UPS for a period two years from the date of successful Testing & Commissioning and final taking over of the UPS to the HPGCL.**

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS,
HPGCL, Panipat

Rate Quoting Sheet

Sr. no.	Description of Work	Qty (Set.)	Amount exclusive of GST (in Rs)	Total Amount exclusive of GST (in Rs)
1.	Supply of the UPS system of capacity 2x105KVA of control room Unit-7&8, PTPS, Panipat as per Annexure-IV.	02	Sample format Rates not to be quoted here.	
2.	Erection, Testing & Commissioning of New UPS & dismantling of existing UPS for Unit # 7 & 8 as per Annexure-IV. (Job Work)	02		

Total in words:

GST:

Note- 1 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 their quoted prices are inclusive of all such statutory taxes/levies.

2 L-I bidders shall be considered who has quoted overall lowest rates, inclusive of all taxes.

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS
HPGCL, Panipat.

Signature & Stamp
of the contractor

GENERAL TERMS & CONDITIONS**1. CONTRACT AGREEMENT**

The contractor shall execute a contract agreement with HPGCL on a Non-Judicial Stamp Paper of appropriate value within 15 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

- a) Every tenderer, while submitting his tender, shall deposit the earnest money specified in the E-NIT No.15 / Unit-7&8 / PTPS / C&I-8 / 159 by the way (methods) as specified in Annexure-III above (Information for payment regarding submission of EMD, e-service fee & tender document fee), without which the tender shall be rejected forthwith.
- b) 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.
- c) The EMD of the unqualified bidders will be returned without any interest, as promptly as possible, within 30 days after declaration of qualification result and that of unsuccessful bidder within 15 days of the execution of the contract with the selected bidder.
- d) The security deposit shall be 10% of the contract value in all the cases. The deduction of the security deposit shall be regulated in a way that 10% amount of the bill shall be kept as security deposit. However, the EMD already deposited by the bidder shall be converted into the security deposit and the balance amount shall be deducted from the bill.
- e) The security deposit of the contractor shall be retained by HPGCL for faithful execution of the contract.
- f) Security deposit shall be released only after completion of 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.
- g) 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 following circumstances: -

- i) If the tenderer withdraws his tender at any stage during the currency of validity period.
- ii) If the Work order has been issued but the contractor refuses to comply with it irrespective of the fact that HPGCL sustains any loss on account of such default or not.
- iii) In the event of breach of contract in any manner.
- iv) In case of evidence of cartel formation by the bidder(s).
- v) If the contractor fails or neglects to observe or perform any of his obligations under the contract, it shall be lawful for the HPGCL to forfeit either in whole or in part, in its absolute discretion, the EMD/security deposit furnished by the contractor.
- vi) The forfeiture of EMD/security deposit shall be without prejudice to the right of HPGCL to recover any further amount or any liquidated and/or other damages as admissible under the law, under payments or over payments made to the contractor under this contract or any

other contract as well as to take such administrative action against the contractor as blacklisting etc.

4. PAYMENT TERMS

The payments shall be made as follows: -

For Material Supply:

One hundred percent payment shall be made after 21 days of receipt of material at site in good condition and after receipt of Performance Bank Guarantee (as per clause no. 10), whichever is later.

For Job Works:

100% payment of the contract value shall be released against appropriate bill of the contractor and after satisfactory completion of the work by deducting 10% security deposit and statutory deductions.

Note: For material supply, the payment shall not be exceeded from 70% of total value of the contract value.

Final Payment for Job work shall be made after execution protocol sign. by the Units.

5. MODE OF PAYMENT

Payment shall be released by the Sr. Accounts Officer/Accounts Officer, _____ through RTGS/NEFT. For payment through RTGS/NEFT, the contractor will intimate the complete bank details viz. Name of Bank/Branch, Account Number, Type of Account, IFSC Code etc., to Sr. Accounts Officer/Accounts Officer.

6. COMPLETION PERIOD

- a) Approved GAD (general arrangement drawings) of the UPS may please be provided by the firm before starting the work at site within 3 weeks of issuance of LOI.
- b) Supply of materials/components/parts of UPS of product containing features as mentioned above within 14-16 weeks from the approval of GAD.
- c) Installation, testing, and commissioning of UPS at site should be completed by the firm within 20 days for each Unit after intimation of the site clearance from each Unit separately.
- d) 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 unless the completion period is extended in writing.

7. RISK AND COST

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

8. PENALTY

Damage for Delay of Supply: - Applicable.

No supplies/ consignments received after the date on which they were actually due according to the terms of the purchase order, shall be accepted by the consignee, except with the written approval of the purchasing authority. Even in case of acceptance of delayed supply the supplier shall be liable to pay @ 0.50% per week or part thereof of the delay of the value of the goods so delayed where the part supply is acceptable and of the PO value where part supply is not acceptable, subject to a maximum of 5% of the total value of the supplies.

For Job Work: - Applicable

In the event of execution of work is not completed according to the time schedule, the contractor shall have to pay penalty to the HPGCL @1% for the delay period per week or part thereof, subject to a ceiling of 10% of the value of the contract.

9. DOCUMENTATION

Contractor shall submit bill in triplicate to the Executive in-charge along with all the requisite documents.

10. PERFORMANCE BANK GUARANTEE

Unless agreed otherwise, contractor shall submit a bank guarantee of any nationalized bank equivalent to 10% of total contract value for a total contract period from the date of issuance of LOI/Work order whichever is earlier valid up to one month after completion of the contract.

11. GUARANTEE/ WARRANTY / AMC Period: The firm shall take Guarantee / Warranty and free comprehensive maintenance for the work done for a period of two years from the date of successful Testing & Commissioning and final taking over of the UPS. Any damage of defect may arise or lie undiscovered at the time of completion; in the workmanship shall be rectified or replaced by the firm. In default, the Engineer in-Charge may cause the same to be made good by the other agency and deduct expenses from any sum that may be there or any time thereafter become due to the firm or from any security deposit etc. The decision of Engineer-in-Charge shall be the final.

12. FORCE MAJEURE

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

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

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

13. IDLE LABOUR CHARGES

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

14. OVER RUN CHARGES

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

15. WATCH & WARD

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

16. FACILITIES TO BE ARRANGED BY CONTRACTOR

The contractor shall make his own arrangement for providing all facilities like lodging, boarding, furniture and transportation etc. for his supervisors/staff engaged by him for the job. Residential accommodation in the colony shall be provided on chargeable basis, if required by the contractor.

17. STATUTORY DEDUCTIONS

Statutory deduction on account of TDS under GST Act, 2017 & Income Tax Act 1961, works tax & sales tax etc. including surcharge shall be made at source from the bills of the contractor at the prevailing rates.

18. COMPLIANCE OF VARIOUS LABOUR ACTS: The firm/Firms contractors shall abide by all the labour laws required to be followed and he shall furnish an undertaking on NJSP of appropriated value duly attested by the Notary public to the effect that he will comply with all the Act, Laws and Regulations as may be applicable with regard to performance of work including Factory Act-1948, Industrial dispute Act-1947, Employees state insurance act-1948, Employees provident fund Act-1952, payment of wages Act-1936, minimum wages act-1948, Contract labour Act(R&A) –1970, workman compensation Act-1923 & other rule and regulations as framed Central/State Govt. in this regard from time to time.

19. INSURANCE OF WORKERS

The contractor will be solely responsible for any liability for his workers in respect of any accident, injury arising out and in course of contractor's employment. To meet his aforesaid obligation under the workmen 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 the aforesaid Insurance Policy shall be borne by the contractor. The contractor shall ensure that the said Insurance Policy of this insurance cover is required to be submitted by the contractor to Engineer-in-charge of work immediately after issue of LOI, but before the start of work.

20. SAFETY RULES

Firm shall have to comply with all the provisions of safety rules. The Chief Safety Officer may impose penalty of **Rs. 200/- per day per head** if the workers of contractor are found to be working carelessly without proper protective equipment's 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 or any other authority of HPGCL in case of any fatal/non-fatal accident or any other violation of factory act, 1948, Pb. Hr. factory rules, 1952 or any other industrial or labour act, the contractor shall be liable for the same and also to deposit the amount of fine/penalty if any. In case of default action as deemed fit shall be initiated against the contractor.

A safety clearance certificate on quarterly basis from the chief safety officer shall be obtained by the contractor and has to be attached along with the bill.

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

21. ARBITRATION

All matters, questions, disputes, differences and / or claims arising out of and / or concerning, and /or in connection with, and /or in consequence of, and /or relating to the contract whether or not obligations of either of both the Supplier 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 Arbitrator to be appointed by the mutual concerned from the panel of Arbitrators provided by HPGCL. The firm may give concerned anyone from the panel. In case no concerned is arrived at between the parties the aggrieved party can approach the competent court of law for appointment of Sole Arbitrator. The award of the Arbitrator shall be final and binding on the parties to this contract. Subject of afore mentioned provisions, the provisions of Arbitration and Conciliation

Act, 1996 as amended from time to time and rules made their under for the time being in force, shall apply to the Arbitration proceedings under the clause.

It has been agreed between both the parties that the fee of the Arbitrator shall be governed by Arbitration and Conciliation Act, 1996 as amended.

22. LAWS GOVERNING CONTRACTS

All contracts shall be governed by the laws of India for the time being in force.

Irrespective of the place of delivery, place of performance or place of payment under a contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued.

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

23. SET OFF

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

24. SUBLETTING and ASSIGNMENT

The Supplier 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 of the purchaser.

25. TERMINATION OF CONTRACT: -

The contract may be terminated on occasions if any of the following contingencies: -

- On contractor being declared insolvent by competent court of law.
- By giving one month notice for committing breach of any of the terms & conditions of the contract and unsatisfactory work. During any such notice period, the contractor shall discharge his duties till the expiry of such notice.

In such events, it shall be lawful to the HPGCL to forfeit any balance amount/security deposit or both which may otherwise be due to the contractor. If the dues are not sufficient, it will be lawful for HPGCL to recover the amount from the dues of any of the contract executed /being executed by the contractor with any other office of the power utilities/department or through the court of law.

26. The contract is subject to jurisdiction of Courts of Panipat only.

27. For Compliance of GST: - The following undertakings on the firm's letter is required to submitted along with the bill:

- i. GST registration is valid on date. No default has ever been made by the firm in filling the various GST returns and deposit of GST dues with the department.
- ii. The firm having multiple registrations under GST will submit undertaking for each & every GST number. A default under a GST number even if the GST number pertains to some other state, will make the firm ineligible to participate in tender.
- iii. Vendor will submit copies of GSTR I and GSTR 3B/Challans as evidence to deposit of GST with certification that GST collected from HPGCL, to be specified in exact rupees, has been paid to Govt. vide this challan (specifying the challan no. & date of deposit) and returns filed (date of filing of return) includes the transaction of supply of Good or/and services to HPGCL.

- iv. Vendor will inform immediately the HPGCL about initiation of any proceeding (if any) against him under the GST laws which may result in suspension or cancellation of GST number of the vendor.
- v. Undertaking to indemnify the HPGCL in case of any financial implication on HPGCL due to non-compliance of prescribed obligation under the GST Law on part of the firm.
- vi. Copies of GSTR 1, GSTR 2A and GSTR 3B along with copies of invoices raised to HPGCL, duly reconciled with three returns to be submitted before release of the security.
- vii. In case of failure at the end of firm regarding deposit of tax and in complying with conditions mentioned at above, HPGCL will have right to recover the GST amount in default along with interest & penal amount and deposit the same directly with GST department on behalf of vendor to the credit of HPGCL.
- viii. Vendor will undertake to immediately inform the HPGCL about any amendment in the GST certificate and to immediately submit the updated registration certificate.
- ix. Submit a undertaking in case the firm is not generating e-invoice in following format:
 We M/s. having PAN and GSTIN Registration Number hereby undertake that our Aggregate Turnover (as per Section 2(6) of Central Goods and Services Tax Act, 2017) for FY 2019-20 does not exceed the prescribed threshold (as on the date of this declaration) for generation a Unique Invoice Registration Number (IRN) and QR code as per the provisions of Central Goods and Services Tax Act, 2017 and rules there under ("GST Law"). Further, we also undertake that if the aggregate turnover of M/s exceeds the current threshold or revised threshold notified by Government of India at any future date, then we shall issue invoice and credit note in compliance with the required provisions of GST Law. In case of any queries from the any state or centre Goods and Services Tax authorities, M/s. will be solely responsible.

Yours Truly,

For M/s.

Authorized Signatory Name: Designation

Executive Engineer/C&I-VI,
 for Chief Engineer/PTPS,
 HPGCL, Panipat

SPECIAL CONDITIONS OF CONTRACT

- The firm shall be fully responsible for the effective execution of the jobs & will remain frequently in contact with Engineer- in-Charge/ Site In-charge.
- **INSPECTION:** Pre-dispatch inspection is mandatory at OEM end.
- **MATERIAL TRANSPORTATION:** Dispatched/Transportation of material from firm's works to PTPS Site Store/ site of work shall be arrange by Firm.
- **CONSIGNEE:** The material shall be consigned to XEN/C&I-VI, PTPS, Panipat.
- **T&P AND CONSUMABLES:** The firm shall have to make own arrangements for all Tools & Tackles, Scaffoldings, skilled and unskilled labour etc. required for execution of the contract. All the consumables such as DA gas, Oxygen, Welding/Brazing material, cleaning agent & requisite materials shall be arranged by the firm.
- **SITE STORE:** For making temporary storage of material, site store/shed at firm's own cost are to be fabricated by the firm at the allocated area nearby UPS site. The material shall remain in the custody of the firm in site store.
- **LOSS OF HPGCL PROPERTY DURING THE CONTRACT PERIOD**
The contractor shall ensure that no damage or loss is done to HPGCL's property or human being in the jurisdiction of work site. In case it is found that, there is any loss to HPGCL's property or human being due to negligence of any labour/worker/ Driver the same shall be made good by the contractor at his own cost.
- HPGCL shall have no liability, whatsoever, in regard to providing of facilities such, as transport, boarding, lodging etc. for the person(s) deployed by the firm.
- The firm shall be responsible for observing & adhering to all the necessary safety rules, codes, norms etc. during the course of execution of work & shall provide all the necessary safety gadgets, such as suitably rated rubber gloves, rubber shoes, safety befits, helmets, earth devices & line testers etc. to the deployed personnel at no extra cost. Besides, any specific instruction by the Engineer-in-Charge shall be followed strictly. In all the cases, the firm shall be assumed as surety for the entire personal ('s) deputed by him at site in respect of all matter of discipline, integrity & conduct etc.
- On the advice of Engineer-in-Charge, the contractor shall immediately dismiss from; to work any person who misbehaves or causes any nuisance or who in opinion of Engineer-in-Charge is not competent. Such person shall not be employed again at our site without prior written permission of the Engineer-in- Charge.
- Material transportation: - The contractor shall make his own arrangement for transportation of the material from stores (O&M) to site of work and to the place of execution etc. at his own cost for making temporary stores/work sites, HPGCL may indicate an area at its own discretion for putting up of a temporary hut/shed.
- Preservation of issue material: - All materials issued to the contractor by the HPGCL shall be preserved against deterioration and storage while under contractor's custody. Any damage/losses suffered on account of non-compliance with the requirement stipulated herein shall be considered as losses suffered due to willful negligence on the part of the contractor and he shall be liable to compensate HPGCL for the losses suffered at panel rates to the determined by the Engineer-in-Charge with reference to the rates charged for the purpose of recovery shall be final and binding on the contractor.
- Electricity, water and service air will be provided free of cost at one point as per requirement of the job.

- Statutory deduction on account of Income Tax and works Tax as applicable on works contract shall be made at the prevailing rates, at the time of release of payment to the firm.
- Photocopy of the Insurance Cover is required to be submitted by the contractor to HPGC immediately after the issue of LOI, but before the start of the work. Payment against the work done will not be released to the Contractor until and unless photocopy of the Insurance Cover is submitted to the HPGCL.
- If the contractor is unable to execute the work, any loss incurred by the HPGCL in this respect, will be, to the contractor's account. The HPGCL may also terminate the contract after giving a three days' notice, if in its opinion; the work under the contract is not being done to its satisfaction. The HPGCL will also have right to get the job done by a third party at the risk and cost of the contractor and debit the cost plus 25 %, to the contractor.
- **Safety Clearance Certificates**: - The firm shall arrange to supply the Safety clearance certificates from the authorized agency as per site requirements.
 - a. All the electrical works in connection with the UPS shall be carried out in accordance with the Indian Electricity Act-2003 (No. 36 of 2003) & Indian Electricity Rule 1956.
- All the apparatus and components of the UPS be of sufficient rating and of sufficient mechanical strength for the duty which they may be required to perform under the environmental conditions of the installation and shall be constructed, installed, protected, worked and maintained to ensure the safety of the human beings & property.
- The material & apparatus used for the UPS shall conform to prescribed specifications & code of Bureau of Indian Standards; and the shall be tested in the manner specified in specification & code of Bureau of Indian Standards.
- HPGCL shall have power to make any alteration in omission form, addition to, or substitutions for original Specifications and instructions which may be considered necessary, during the progress of work and contractor shall carry out the work in accordance with any instruction which may be given to him in writing duly signed by Engineer-in-Charge. Such alteration, omission, additions, substitutions, shall not invalidate the contract and any altered, additional or substituted work which the contractor may be directed to do in the manner above specified as a part of the work, shall be carried out by the Contractor on the same condition in all respects on which he has agreed to do the main work.
- The work /material not specified in the contract, but required to complete the system shall be deemed to be included in the contract.
- In case, the contractor fails to do the extra and/or substituted work. HPGCL will have the option to get the work done through another agency at the contractor's risk and cost.
- The firm shall be wholly responsible for any mis-happening with any of the workers at site of work.
- The firm shall submit the safety certificate/ any other certificate required for licenses from Statutory/ Regulatory Authorities, after handing over the UPS.
- Pre-Bid meeting will be applicable if the bidder wants to check / confirm the site requirements as required for the UPS replacement work.
- The firm shall arrange certificates/permits/licenses/Registration if required of UPS from Statutory/ Regulatory Authorities; however necessary fees for such certificates/ licenses/ permits and inspection fees and other related documents shall be borne by HPGCL.

Executive Engineer/C&I-VI,
for Chief Engineer/PTPS,
HPGCL, Panipat

STATEMENTS OF BIDDERS

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

4. Legal status
5. PAN & TIN Number of the Bidder (attached self-attested photocopies)
PAN _____ TIN _____
GSTNo. _____.
6. Bank Details (attached signed cancelled cheque)
 - i) Bank Name & Address
 - ii) Bank Account Number
 - iii) Bank Branch Code
 - iv) IFSC Code of Branch
 - v) Nature of account (current/saving/OD/CC)
7. Main lines of Business
 - i. _____ since _____
 - ii. _____ since _____
 - iii. _____ since _____
8. Annual Turnover of past three year
 - i. _____
 - ii. _____
 - iii. _____
9. Past Experience:-

Name of Organization	Period	Reference of Contract	Order Value contract wise

10. Any other

Signature & Stamp of Bidder

Signature & Stamp of Bidder

Name & Designation of Authorized Bid Signatory _____

CONTRACT AGREEMENT

This contract agreement entered in to this _____ day of the month of _____ between Haryana Power Generation Corporation Ltd., a body corporate constituted under the Indian Company Act, 1956 herein after called Corporation which terms shall include all its heirs and successors on the one hand and M/s _____ . The contractor which terms shall include all its heirs and successors on the other hand.

Where as a contract for _____ at PTPS, Panipat for the work of _____ as officially described in tender documents issued against NIT no. _____ dated _____ and concluded by the issue of Work Order no. _____ dated _____ appended hereto between Corporation & Contractor. Whereas Contractor further agree to abide by all labour laws, rules and regulations which may be enforced from time to time. Whereas the contractor also agrees to absolve the Corporation from all risks & responsibilities towards the labour engaged by the contractor during execution of the above said work.

The contractor will comply with all the provisions of the relevant labour laws/Acts and the rules /regulations framed there under. In the event of Panipat Thermal Power Station, Panipat being obliged to pay the compensation, the contractor will indemnify the Corporation. The labour regulation shall be treated as part of the contract. Any break of labour laws/regulation shall be treated as breach of the contract.

Here PTPS, Panipat and the contractor have agreed to execute an agreement.

Now this deed witness and parties hereto hereby mutually agree as above.

In witness thereof, the contractor & HPGCL hereto set their hands as under.

Signature of the contractor

Signature & designation

In presence of witness

and on behalf of HPGCL in presence of witness

Witness

Witness

1.

1.

2.

2.

Acceptance Certificate

I _____ Designation _____

Of (Name of the Company) _____

Here by accept the terms and conditions given on page No. 1 to 27 of the tender document
(NIT no. **15/Unit-7 & 8 / PTPS / C&I-8 / 159**)

For M/s _____