



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-14-May-26

CORRIGENDUM- 01

PROJECTs	:	1 X 800 MW HPGCL YAMUNANAGAR STPP
PACKAGE	:	NATURAL DRAFT COOLING TOWER (NDCT)
ENQUIRY NO	:	77/26/6035/SAN DATED 13.05.2026
SUBJECT	:	CHANGE IN NIT CONDITIONS

Type of Corrigendum			
Technical Corrigendum -	<input type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

Bidders are requested to note the following -

1. Annexure-VII to NIT has been revised, please refer attached Annexure-VII (Rev-01) to NIT.

Please note that availability of land is very limited and BHEL has made provisions for leasing of land outside the plant boundary. Bidders to note the following regarding allocation of land for contractor's establishments and labour colony.

- i. Considering the discrete / inconsistent concrete requirement and to avoid the wastages, Space for Installing the Batching Plant inside the plant premises shall be identified with customer. Land inside the plant premises shall be provided free of cost. In case land is not available inside the plant premises, same has to be arranged by the contractor outside the plant boundary at his own cost.
- ii. Space for other construction establishments i.e. storage, fabrication/ pre-assembly, office etc. is to be arranged outside plant premises by the contractor at his own cost.
- iii. However, based on the availability of space during work progress, land inside the BHEL's leased land premises may be made available to contractor for point no. (i) and (ii) on chargeable basis as per approved recovery rates / provisions.
- iv. Labour colony including Worker's accommodation sheds along with kitchen sheds, approach roads, internal /external electrification, water supply network, plumbing etc. is being developed by BHEL on the leased land outside the plant premises. 01 No. worker's accommodation shed along with kitchen shed may be issued to contractor on chargeable basis as per approved recovery rates / provisions, based on availability. However, prime responsibility for arranging the worker's accommodation having standard basic facilities as per statutory norms is with contractor and he shall make his own arrangement outside the plant premises.

Above conditions shall supersede the all related conditions mentioned elsewhere in NIT including Annexures.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Yours faithfully,
For and on behalf of BHEL

Sanjeev Kumar
Engineer/BOP

Corrigendum

3.0	<i>FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)</i>			
Sl. No	Description PART I	Scope		Remarks
		BHEL	Bidder	
3.1	Establishment:			
3.1.1	For Construction Purpose:			
a	Open space for office	Yes		BHEL shall take the land on lease outside plant boundary for contractor's establishments i.e. office, storage, batching plant, fabrication yards etc. BHEL shall provide limited open space / developed land for contractor's office and storage and construction facilities i.e. Batching Plant, Fabrication Yard etc. as and where made available (within the leased land outside plant premises) on chargeable basis. For details please refer to clause no. 3.10 below.
b	Open space for storage	Yes		
c	Construction of bidder's office, canteen and storage building including supply of materials and other services		Yes	
d	Bidder's all office equipment, office / store / canteen consumables		Yes	
e	Canteen facilities for the bidder's staff, supervisors and engineers etc.		Yes	
f	Firefighting equipment like buckets, extinguishers etc.		Yes	
g	Fencing of storage area, office, canteen etc. of the bidder.		Yes	
h	Development of land provided for office, storage, fabrication yard, etc.		Yes	
3.1.2	For living purpose of the bidder:			

3.0	FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)			
Sl. No	Description PART I	Scope		Remarks
		BHEL	Bidder	
a	Open space for labour colony	Yes	Yes	<p>BHEL is developing labour colony for Yamuna Nagar Project, outside the plant boundary.</p> <p>01 Nos. Worker's accommodation shed along with kitchen shed having capacity of approx. 120 worker's accommodation (within the labour colony) shall be allocated to bidder on chargeable basis. For details please refer to clause no. 3.10 below.</p> <p>In case requirement of labour shed shall be more than 01 Nos., the Contractor has to make his own arrangements for land (outside the plant), accommodation, shelter and transportation of labours as per requirement.</p>

3.0	FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)			
Sl. No	Description	Scope		Remarks
	PART I	BHEL	Bidder	
b	Labour Colony with internal roads, sanitation, complying with statutory requirements	Yes		<p>For Yamuna Nagar Project Labour colony with internal roads, electrification, water distribution network, sanitation etc. shall be developed by BHEL outside the plant premises on leased land taken by BHEL.</p> <p>01 Nos. worker's accommodation shed along with Kitchen Shed shall be allocated to contractor on chargeable basis within the labour colony developed by BHEL.</p> <p>Further running and maintenance of worker's accommodation sheds and common facilities inside the labour colony will be in contractor's scope. For details please refer to clause no. 3.10 below.</p>
3.2	Electricity:			
3.2.1	Electricity for construction purposes (for Site/Project works only) 3 Phase 415/440 V		Yes	

3.0	FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)			
Sl. No	Description PART I	Scope		Remarks
		BHEL	Bidder	
a	Single point source	Yes	Yes	BHEL may provide electricity at single point source for construction works during execution stage on chargeable basis within 03 months from the date of start of work. However, in case of any delay in arrangement of construction power by BHEL, contractor has to arrange construction power at his own cost including DG Sets to meet the power requirement with in the quote price.
b	Further distribution for the work to be done which include supply of materials and execution		Yes	At contractor's own cost.
c	Distribution of Electricity for the office, stores, canteen, of the contractor which include supply of materials and execution		Yes	At contractor's own cost.
d	Supply, installation and connection of energy meter including operation and maintenance		Yes	At contractor's own cost. Calibration certificate to be provided.
e	Duties and deposits including statutory clearances if applicable		Yes	At contractor's own cost
f	Demobilization of all the facilities after completion of works		Yes	At contractor's own cost
3.2.2	Electricity for office, stores, canteen etc. of the bidder			
a	Single point source	Yes	Yes	Same as 3.2.1 (a) above.
b	Further distribution including all materials, Energy Meter, Protection devices and its service		Yes	At contractor's own cost
c	Duties and deposits including statutory clearances if applicable		Yes	At contractor's own cost
3.2.3	Electricity for living accommodation of the bidder's staff, engineers, supervisors, labour Hutment etc.			

3.0	FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)			
Sl. No	Description PART I	Scope		Remarks
		BHEL	Bidder	
a	Single point source	Yes	Yes	Same as 3.2.1 (a) above.
b	Further distribution including all materials, Energy Meter, Protection devices and its service		Yes	At contractor's own cost
c	Payment/Duties and deposits including statutory clearances if applicable		Yes	At contractor's own cost
3.3	Water Supply:			
3.3.1	For construction purposes:			
a	Making the water available at single point	Yes		Single Point Source for Construction Water within the plant premises shall be provided at a location as approved by Owner. Construction Water shall be provided on chargeable basis. Construction Water source for outside plant boundary shall be arranged by contractor at his own cost.
b	Further distribution as per the requirement of work including supply of materials and execution.		Yes	Contractor shall arrange construction water from single point source including all necessary piping, valves, water meter etc. shall be arranged by the contractor at his own cost.
3.3.2	Water supply for bidder's office, stores, canteen etc.			Contractor has to make his own arrangement at his own cost.
a	Making the water available at single point		Yes	At contractor's own cost
b	Further distribution as per the requirement of work including supply of materials and execution		Yes	At contractor's own cost

3.0	FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)			
Sl. No	Description PART I	Scope		Remarks
		BHEL	Bidder	
3.3.3	Water supply for Living Purpose			Contractor has to make his own arrangement at his own cost.
a	Making the water available at single point		Yes	At contractor's own cost
b	Further distribution as per the requirement of work including supply of materials and execution		Yes	At contractor's own cost
3.4	Lighting			
a	For construction work (supply of all the necessary materials) 1. At office/storage area 2. At the preassembly area 3. At the construction site /area		Yes	At contractor's own cost
b	For construction work (execution of the lighting work/ arrangements) 1. At office/storage area 2. At the preassembly area 3. At the construction site /area		Yes	At contractor's own cost
c	Providing the necessary consumables like bulbs, switches, etc. during the course of project work.		Yes	At contractor's own cost
d	Lighting for the living purposes of the bidder at the colony / quarters		Yes	At contractor's own cost
3.5	Communication facilities for site operations of the bidder			
a	Téléphone, fax, internet, intranet, e-mail etc.		Yes	At contractor's own cost
3.6	Compressed air wherever required for the work		Yes	At contractor's own cost
3.7	Demobilization of all the above facilities		Yes	At contractor's own cost
3.8	Transportation			
a	For site personnel of the bidder		Yes	At contractor's own cost
b	For bidder's equipment and consumables (T&Ps, Consumables etc.)		Yes	At contractor's own cost
3.9	Erection Facilities and Site Construction Management:			

3.0	FACILITIES IN THE SCOPE OF CONTRACTOR/BHEL (SCOPE MATRIX)			
Sl. No	Description PART I	Scope		Remarks
		BHEL	Bidder	
3.9.1	Engineering works for construction:			
a	Providing the erection/constructions drawings for all the equipment covered under this scope	Yes		
b	Drawings for construction methods	Yes	Yes	In consultation with BHEL
c	As-built drawings where ever deviations observed and executed and also based on the decisions taken at site		Yes	Changes are to be marked in drawing & handed over to BHEL on completion of work.
d	Shipping lists etc. for reference and planning the activities			Not Applicable
e	Preparation of site construction / erection schedules and other input requirements as per Form-14.	Yes	Yes	In consultation with BHEL
f	Review of performance and revision of site construction / erection schedules in order to achieve the end dates and other commitments	Yes	Yes	In consultation with BHEL
g	Weekly construction / erection schedules based on Sl. No. e		Yes	In consultation with BHEL
h	Daily work plan based on Sl. No. g		Yes	In consultation with BHEL
i	Periodic visit of the senior official of the bidder to site to review the progress so that works is completed as per schedule. It is suggested this review by the senior official of the bidder should be done once in every two months.		Yes	
j	Preparation of preassembly bay		Yes	
k	Laying of racks for gantry crane if provided by BHEL or brought by the contractor /bidder himself		Yes	
3.10	Land/Open Space and Labour Colony:			
3.10.1	Land for contractor's establishment: Availability of land is very limited and the contractor has to plan and use the existing land considering the use of land by other Civil /mechanical/ electrical contractors and the storage of plant machineries and materials. The existing land shall be shared by all erection agencies.			

	<p>Land for labour colony, laydown area for storage of equipment, fabrication yard, batching plant or any other construction related activities is not available within the plant boundary. Therefore, BHEL is taking the land on lease basis within a distance of 03 Kms (Approx.) from the Plant Boundary.</p> <p>BHEL shall allocate such land (levelled, graded and compacted including necessary filling) to the contractors for construction of their office, storage sheds, laydown area, setting up of Batching Plant and other construction related activities on chargeable basis.</p> <p>For this tender, 1.4 Acres land (1Acre = 4046 SQM) shall be allocated to contractor for the following purposes:</p> <ol style="list-style-type: none"> i. 01 Acre for development of contractor's office, storage sheds, fabrication yard, batching plant, storage sheds, laydown area etc. ii. 01 No. worker's shed (being constructed by BHEL within leased land premises) shall be allocated to the contractor. Land required for construction of 01 No. worker's shed is 0.4 Acre (including land used in common facilities of labour colony). Hence, 0.4 Acre land is considered for allocation to contractor with respect to worker's accommodation sheds. <p>Location of Land and worker's sheds to be allocated to contractor within the leased land premises shall be decided by BHEL engineer and same shall be binding on the contractor.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. In case of additional land requirement, same shall be arranged by contractor at their cost. However, if additional land (within leased land premises) is available with BHEL, same may also be allocated to contractor on chargeable basis as per recovery rates given below. Allocation of additional land shall be at the discretion of BHEL. 2. In case Land is provided by customer within the plant boundary for specific purpose (i.e. space for porta cabins, reinforcement bar cutting – bending, storage etc.) same shall be provided to contractor on free of cost basis.
<p>3.10.1.1</p>	<p><u>RECOVERY RATES FOR THE LAND ALLOCATED TO CONTRACTOR AND MODE OF RECOVERY FROM CONTRACTOR'S RA BILLS:</u></p> <p>The Land shall be allotted to the contractor on chargeable basis as per following recovery rates.</p> <ol style="list-style-type: none"> 1. Recovery rate for allocation of Leased Land to contractor for development of Fabrication Yard, Batching Plant, Office and Storage Shed, worker's shed etc. shall be Rs. 31,000 per acre per month + applicable GST. Recovery shall be made from contractor's monthly RA Bills on pro-rata basis. 2. Recovery rate with respect to cost incurred by BHEL for Development of leased land shall be @ Rs. 21,96,000 /- per acre + applicable GST. Total recovery amount for development of leased land allocated to contractor @ recovery rate mentioned above (i.e. Land allocated to contractor * recovery rate) shall be recovered from contractor's monthly RA bills @ '25% of each RA bill amount' up to recovery of complete amount. However, total recoverable amount shall be recovered maximum up to 10th RA Bill.
<p>3.10.1.2</p>	<p>Land shall be allocated to contractor till completion period of this contract and subsequent extensions (if any) and recovery of the land charges shall be done accordingly.</p>

	In case the Land is not required for the complete contract period / extended period (if any), contractor may hand over the such unutilized land to BHEL cleared from all constructions, encumbrances, debris etc. in consultation with BHEL. In such case, further recovery of the Land handed over by the contractor (to the satisfaction of BHEL) shall not be made. However, recovery shall be made from the contractor till the time land is cleared from all constructions and handed over satisfactorily to BHEL.
3.10.1.3	It is the responsibility of the contractor to construct office, sheds, fabrication yard, establish batching plant, micro levelling and grading of the land, roads and drains (internal, approach), make necessary drainage arrangements, provide all utilities and dismantle and clear the site after completion of work or as and when required, as a part of his scope of work.
3.10.1.4	It is contractor's responsibility to provide watch and ward, security (including fencing/ boundary wall) for their equipment, material, stores etc. kept inside the land allotted for the scope of work under this tender. BHEL shall not be responsible for any theft / loss of contractor's properties from within the allotted land to contractor and no claim shall be entertained in this regard.
3.10.1.5	It will be mandatory for the contractor to hand over the land, cleared from all constructions, encumbrances, debris etc. to BHEL and take a satisfactory handing over certificate from BHEL Engineer. In case of default by contractor and expenses (if any) incurred by BHEL for clearing the land provided to the contractor shall be recovered from the contractor with overheads @ 5%.
3.10.2	<p>Labour Colony / Worker's accommodation sheds:</p> <p>BHEL is developing the labour colony (outside plant boundary, within leased land premises, approx. 03 km from plant boundary) consisting of approx. 20 Nos. worker's accommodation sheds (each shed having capacity to accommodate approx. 120 persons) along with kitchen sheds, common medical center, bore well, service and drinking water arrangements, internal and peripheral roads & drains, internal and external electrification, including water supply network, plumbing, sewage connections, sanitary work, metal beds with mattresses, wiring & fittings, ceiling fans, illumination, painting, finishing work, almirahs / storage racks etc.</p> <p>Common Medical Centre inside Labour colony: BHEL shall construct 01 No. Medical Centre well finished & furnished, of approx. 160 sqm in the labour establishment area for workers. Payments for medical staffs such as doctors, nurse, ambulance services, consumables, emergency medical equipment/first aid instruments/devices & running medicines shall be made by the contractor/s and same shall be shared amongst the availing agencies on pro-rata basis (on the basis of shed allocated to the contractor/s).</p> <p>Out of the total worker's accommodation shed developed by BHEL within labour colony as indicated above, 01 Nos. worker's shed (capacity of approx. 120 persons) shall be allocated to contractor for this tender works on chargeable basis. Contractor shall intimate mobilization plan for Workers and BHEL shall allocate worker's accommodation shed accordingly.</p> <p>Contractor shall make his own arrangements and shall be liable for the following with respect to worker's accommodations:</p> <p>i.) To provide necessary furniture (for dining area), cooking gas, utensils, fire extinguishers etc.</p>

	<ul style="list-style-type: none"> ii.) Providing and maintaining facilities for safety, welfare, drinking water and sanitation, hygiene, biennial health check-up etc. for construction workers at their workplaces as well as at labour & staff colonies. iii.) Electricity consumption charges for the allocated worker's sheds shall be recovered from contractor's RA Bills as per prevailing DISCOM rates (along with fixed charges). Necessary metering arrangements shall have to be ensured by contractors. iv.) Electricity consumption charges for the common area in labour colony shall be borne by BHEL. v.) Maintenance, regular housekeeping and other arrangements to keep the allocated worker's accommodation sheds in neat and clean condition. vi.) Common expenses related to monthly maintenance, repair of common areas, security guards, electricity, water, cleanliness, etc. shall be shared among all agencies availing the facilities in the labour/ workers colony on a pro-rata basis (on the basis of shed allocated to the contractor/s). vii.) BHEL shall regularly inspect the conditions of labour colony and medical facilities arranged by contractor/s for the medical center and discrepancies if any informed by BHEL shall be rectified by contractor promptly. In case of non-compliance BHEL may get the rectification done through other means and recover the actual cost incurred along with 5% overheads from contractor's RA Bills. viii.) Contractor/s shall work in good faith so as to provide good medical facilities for workers engaged by them. However, BHEL shall not be a party for resolution of any kind of disputes amongst the contractors or between workers and contractors.
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<p>3.10.2.1</p>	<p><u>RECOVERY RATES FOR WORKER'S SHEDS ALLOCATED TO CONTRACTOR AND MODE OF RECOVERY FROM CONTRACTOR'S RA BILLS:</u></p> <p>The worker's accommodation shed/s shall be allocated to the contractor on chargeable basis as per following recovery rates:</p> <p>Recovery rate towards allocation of worker's shed/s to contractor within the labour colony shall be Rs. 97,74,000/- for each shed + applicable GST. Total recovery amount for allocated worker's sheds @ recovery rate mentioned above (i.e. worker's sheds allocated to contractor * recovery rate) shall be recovered from contractor's monthly RA bills @ '25% of each RA bill amount' up to recovery of complete amount. However, total recoverable amount shall be recovered maximum up to 10th RA Bill.</p> <p>Note:</p> <ol style="list-style-type: none"> 1. On completion of recovery of complete amount, ownership of worker's shed/s shall be transferred to contractor once the complete amount is recovered. 2. Running and Maintenance charges shall be borne by the contractors to whom the shed is allocated. 3. The contractor shall ensure dismantling / disposal of labour shed (along with sub-structure i.e. floor, foundations etc.) within reasonable time of completion of work or as directed by BHEL Engineer in Charge and no extra payment shall be made in this regard. 4. Dismantling / disposal of common facilities in labour colony (i.e. roads, drains, RO Systems, Bore well, external illuminations etc.) and common medical center shall be in the scope of respective contractor availing the facilities and same shall be decided by BHEL Site Engineer.
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3.10.2.2	In the event of delay in providing the worker's accommodation sheds by BHEL / BHEL is unable to provide the worker's accommodation sheds / additional requirement, the contractor will be responsible for arranging suitable labour accommodation in compliance with statutory norms, stipulated guidelines and drawings. Any additional facilities required for the scope of work must be arranged by the contractor at their own cost.
3.10.2.3	Contractor shall ensure maintenance of workmen/labour colony in line with BHEL' standard Guidelines (As per Annexure A- Standard Guidelines for Worker's Accommodation / Establishments at BHEL-Project Sites).
3.11	Contractor shall maintain one centralized store cum bar bending yard at his own cost. Hard surfacing of this yard and all-around drains shall be carried out by the contractor at his own cost within the quoted rate. The construction of cement storage sheds for unloading of cement bags, stacking properly in the storage sheds shall be carried out by the contractor at his own cost within the quoted rate.
3.12	<p>Installation of necessary amenities- and temporary infrastructure for construction activities at Project site locations.</p> <p>Following are the minimum amenities to be provided by the contractor within the quoted price including removal/disposal of the same in environment friendly manner after its intended use/completion of scope of work:</p> <ol style="list-style-type: none"> i. Labour rest sheds near work spot. ii. Canteen facility creation. iii. Drinking water facility. iv. Labour Bio toilets near work spot in sufficient nos. with regular cleaning & maintenance arrangement. Exclusive arrangement of Bio toilets to be made at site for ladies. v. Labour colony should have all hygienic condition, dining hall, toilets, proper sewerage system, good drinking water arrangements. vi. Recreational facilities, etc.
3.13	Construction Power:
3.13.1	<p>BHEL is in the process of obtaining the construction power connections through State Electricity Distribution Board (UHBVN / HVPN) for inside / outside the plant premises. The process may take time of approx. 03 months from the date of award of contract period for this tender.</p> <p>Construction power whenever made available, shall be provided to the contractor on chargeable basis at one single point (inside and outside plant premises). However, based on request of Contractor and requirement of project, BHEL Site in charge, at his discretion, may provide construction power at multiple point, if feasible. If, BHEL provides electricity at more than one point, it will be responsibility of the contractor to provide all the support necessary for enabling BHEL for extending such provision to contractor.</p> <p>Till such arrangement is made available by BHEL, the contractor should make his own arrangement for alternative source of power supply through power connection / deployment of adequate number of DG sets/usage of diesel operated machines, at their cost. No separate payment shall be applicable on account of the same.</p>

	In case, BHEL is not able to provide construction power after initial period of three (03) months from the commencement of this contract due to any reason whatsoever, contractor shall continue to make his own arrangement for the same without any cost and time implication to BHEL.
3.13.2	Contractor shall make necessary arrangements for onward distribution of construction power taking due care of surrounding construction activities like movement of cranes & vehicles, civil work, fabrication/construction/assembly/ erection etc. and safety of personnel. It may become necessary to relocate some of the installations to facilitate work by other agencies or by him.
3.13.3	Contractor shall deploy and install required cables, fuses, distribution boards, switchboards, bus bars, earthing arrangements, protection devices and any other installation as specified by statutory authority/act.
3.13.4	Distribution of supply shall be done by the contractor using underground cables. The contractor shall be responsible to provide complete LT distribution with Fuseless system including the supply of all materials like cables, necessary isolators/LCB, Switch boards, industrial receptacles/sockets, pipes, etc. observing the safety rules laid down by electrical authority of the State / BHEL / their customer with appropriate statutory requirements. All cables being used for construction power shall be armoured only. Buried cable shall be suitably identified by the route markers.
3.13.5	It shall be the responsibility of Contractor to provide, maintain the complete installation on the load side of the supply with due regard to the safety requirements at site. All cabling and installations shall comply with the appropriate statutory requirements in all respects. The installation and maintenance of this shall be done by licensed and experienced electrician.
3.13.6	The contractor shall also take the approval/ permission of statutory authorities for his DG set installation. The Contractor has to make his own arrangement for the same as required to carry out the job under the scope of work within the quoted rate. Nothing extra shall be paid on this account of DG set up and running for 'construction, office maintenance etc.'
3.13.7	Contractor himself shall be responsible for any loss or damage to their equipment as a result of variations in voltage or frequency or interruptions in power supply.
3.13.8	The contractor will have to Procure & install General mobile illumination system during construction right from start of his work. This system will include temporary pole lighting, portable lighting towers with DG back up, within the quoted price. The illumination should be such that minimum illumination requirement as specified by Indian standards for general illumination is maintained.
3.13.9	Further, as there are bound to be interruptions in regular power supply, power cut/load shedding as in any construction sites, contractor should make his own arrangement for alternative source of power supply through deployment of adequate number of DG sets/usage of diesel operated machines, at their cost during the power breakdown /failure to get urgent and important work to go on without interruptions. No separate payment shall be made for any contingency arrangement made by contractor, due to delay / failure in providing electricity.

3.13.10	The Construction Power consumed by the contractor shall be charged based on prevalent rate of DISCOM (UHBVN / HVPN). Recovery of Construction Power shall be made from the monthly RA bills of the contractor.
3.13.11	The contractor has to provide necessary meter for measuring the power consumption. In case of any dispute, BHEL engineer's decision shall be final and binding on contractor. The meter used by the contractors shall be duly calibrated.
3.13.12	Necessary "Capacitor Banks" to improve the Power factor to a minimum of 0.9 shall be provided by the contractor at his cost. On account of the contractor's failure in maintaining the power factor as required by customer, penalty if any, levied by customer/ State Electricity Distribution Board will be recovered from contractor's bills.
3.13.13	Contractor has to make their own arrangements for electricity requirement for labour colony at his own cost within quoted price.
3.14	Construction water:
3.14.1	<p>Within the Plant Premises:</p> <p>Construction Water (Raw water) required for construction works within the plant premises shall be provided by BHEL / Owner at single point source on chargeable basis. Tentative location of construction water (single point source) is near the plant boundary of existing HPGCL plant (approx. distance 500 m from the work area). Gate valve and metering arrangement is required to be installed by the contractor for their own use.</p> <p>Further distribution of water from single point source including required pumps & accessories, pipes, water meter for drawing water from underground storage tank / single point source to construction area shall be arranged by the contractor at their own cost to ensure supply of water without interruptions. No extra payment shall be made under this account.</p> <p>Note: Construction Water shall be provided at the same rate as charged by customer from BHEL.</p>
3.14.2	The Contractor should make arrangements for storage of sufficient quantity of water required for work. The agency should also construct sumps (if required) of suitable size for storage of construction water as per their requirement for use for execution and construction purposes.
3.14.3	Contractor to satisfy himself that the water drawn/ arranged by him is fit for construction/ consumption and adequately treat such water at his cost when it is not found fit for the said purposes.
3.14.4	In case of non-availability of water, the contractor shall make his own arrangements of water suitable for construction purpose to have uninterrupted work. No separate payment shall be made for any contingency arrangement made by contractor.
3.14.5	<p>CONTRACTOR'S OBLIGATION ON COMPLETION</p> <p>On completion of work or as and when required by BHEL, all the temporary buildings, structures, pipe lines, cables etc. shall be dismantled and levelled and debris shall be removed, as per instructions of BHEL, by the contractor at his cost. In the event of his failure to do so, the Engineer</p>

	will get it done and expenses incurred shall be recovered from the contractor along with prevailing overheads. The decision of BHEL Engineer in this regard shall be final.
3.15	RECORDS TO BE MAINTAINED AT SITE
3.15.1	Record of Quantity of free/Chargeable items issued by BHEL must be maintained during contract execution. Also, reconciliation statement to be prepared at regular intervals.
3.15.2	<p>The below mentioned Records/ Log-books/ Registers applicable to be maintained.</p> <ul style="list-style-type: none">a. Hindrance Registerb. Site Order Book.c. Test Check of measurements.d. Steel and Cement Supply and Consumption Daily Registere. Records of Test reports of Field tests.f. Records of manufacture's test certificates.g. Records of disposal of soil/ rock generated during and after the work completion.h. Records of disposal of scraps generated during and after the work completion.i. List of T&Ps and MMEs.