## To be given on Letter head of Bidder

Ref:	Date:
To,	
Bharat Heavy Electricals Limited	
PEM, PPEI Building,	
Plot No 25, Sector -16A	
Noida (U.P)-201301	
Reference:	
Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finar	ice.
Tender Enquiry No	
Offer No	
Name of Package:	
Dear Sir,	
I have read the clause regarding restriction on procurement from a bid a land border with India. I hereby certify thatsuch a country and is eligible to be considered.	· ·
Thanking You,	
Yours faithfully,	
(Company director seal and signature)	

Annexure-1

#### **INTEGRITY PACT**

#### Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi - 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and
along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART
<u>Preamble</u>
The Principal intends to award, under laid-down organizational procedures, contract/s for
. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s)

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

### Section 1- Commitments of the Principal

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
- 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- 1.1.3 The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions:

#### Section 2 - Commitments of the Bidder(s)/ Contractor(s)

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
- 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and will await their decision in the matter.

# Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

### Section 4 - Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to

demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher.

#### Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

#### Section 6 - Equal treatment of all Bidders/ Contractors / Sub-contractors

- 6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors:
- 6.2 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

# Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

#### Section 8 - Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non- disclosure agreement.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

- 8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.
- 8.7 The IEMs would examine all complaints received by them and give their recommendations/ views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal/ administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.9 IEM should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the organization should be looked into by the CVO of the concerned organisation.
- 8.10 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code/ Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.
- 8.12 The word 'Monitor' would include both singular and plural.

#### Section 9 - Pact Duration

- 9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty / guarantee etc. should be outside the purview of IEMs.
- 9.2 If any claim is made/ lodged during currency of IP, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

#### Section 10 - Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

- 10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- 10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5 Only those bidders / contractors who have entered into this agreement with the

Principal would be competent to participate in this agreement would be a preliminary qualifi	
For & On behalf of the Principal	For & On behalf of the Bidder/
	Contractor
(Office Seal)	(Office Seal)
Place	
Date	
Witness:	Witness:
(Name & Address)	(Name & Address)

NAME OF BIDDER :	
NAME OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V
NAME OF PACKAGE:	AIR CONDITIONING SYSTEM
TECHNICAL SPECIFICATION:	PE-TS-445-553-A001
TENDER ENQUIRY NO:	PE/PG/SGI/E-6703/2021 Dated 23.07.2021

SI. No.	DESCRIPTION	UNIT	QTY	Total Price excluding GST (INR)	Freight in %	Total Freight	Total FOR Site Price Including Freight but excluding GST (INR)	Total FOR Site Price Including Freight but excluding GST in Words
1.0	Total lump sum firm price for <b>Supply part, Services part and Mandatory spares</b> comprising of design (i.e.preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable) fill of lubricants & consumables, mandatory spares alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), training of customer/client O&M staff, Operation & Maintenance of AC System (24x7) before handing over after commissioning, and handover in flawless condition of the package to the end customer complete with all accessories, for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	_	1	0		0	0	-
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.							
2.1	Total lumpsum firm price for <b>Design</b> (i.e. Preparation and submission of drawing /documents including "As Built" drawings and O&M manuals) and engineering as per tender technical specification above, amendment & agreements till placement of order. (Refer Note-4 below)	LOT	1		N	NA	0	-
2.2	Total lump sum firm price for <b>Supply part</b> comprising of manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables along with spares for erection as required, start-up and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. ( <b>Break-up as per Annexure-I</b> )	Lot	1	0		0	0	-
2.3	Total lumpsum firm prices for <b>Services part</b> comprising for unloading, handling, transporation to site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), training of customer/client O&M staff and handover in flawless condition of the package to the end customer complete with all accessories, for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. ( <b>Break-up as per Annexure-I</b> )	Lot	1	0	N	NA	0	-
2.4	Total lumpsum firm price for <b>Mandatory Spares</b> comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. <b>(Price break up of mandatory spares is to be furnished as per Annexure- II)</b>	Lot	1	0		0	0	-
2.5	Total lumpsum firm for providing <b>OPERATION AND MAINTENANCE SERVICE</b> (24x7) including manpower, supervision, consumables etc. for operation & maintenance of HVAC System after commissioning of AC system before final handing over to end customer in flawless condition for the scope defined as per technical specification.	Months*	12		N	NA	0	-

- Note:

  1) BOP to consider and suitably incorporate taxes, duties and other commercial aspects.

  2) Bidder to quote the Prices in 'figures' along with corresponding 'words'.

  3) Lumpsum price quoted at Sl.no 1.0 shall be considered for evaluation.

  4) The Engineering charges as mentioned above in S.No. 2.1\* shall not be more than 2% of the contract value for AC System (including main supply, E&C, Mandatory Spares Etc. i.e Total of Sl.no.2.2, 2.3 & 2.4 only) as per Sl. No. 1.0 of GCC. Further, out of this total 2% amount for Design, 1% shall be payable after submission of basic engineering drawings / documents (as mentioned in relevent chapter of technical specification) whereas remaining 1% shall be payable after approval of basic engineering drawings / documents as per tender specification.

  5) For detailed scope of Operation and Maintenance Services, Technical Specification to be referred. Any variation in no. of months shall be exercised based on unit rate arrived from price quoted against Sl.no 2.5 above.

		ANNEXURE-I					
NAME	OF PROJECT: 1 X 660 MW WBPDCL SAGARDIGHI EXTN V OF PACKAGE: AIR CONDITIONING SYSTEM						
	PE-TS-445-553-A001					-	
				SUP		SERVIC	ES Total E&C Price
SI. No.	DESCRIPTION	Unit	QTY	Unit Ex-works duly packed (INR)	Total Ex-works duly packed (INR)	Unit E&C Price (INR)	(INR)
2.1	BREAK-UP OF ITEMS MENTIONED AT S. NO. 2.2 OF MAIN SHEET						
<b>A</b>	AC Plant-1: CENTRAL CHILLED WATER SYSTEM FOR MAIN CR AREAS FOR UNIT-5.  Water cooled Chilling machine each of minimum 110 TR (actual) capacity consisting of						
	(a) Screw refrigerant compressor(s) complete with motors, micro-processor control panel, multi drive set, controls and interlocks other accessories as specified;						_
	(b) Water cooled condenser adequately sized with suitable anti corrosive paint coating for tube and shell part coming in contact with soft water & other accessories and	NO	3		0		0
2	(c) Shell & tube type water chiller & other accessories, as specified.  Sheet metal cabinet type air handling units (double skin as per specification) consisting of chilled water cooling coil, centrifugal						
	blower(s), TEFC sq. cage induction motor, pre-filters, 3-way motorised mixing valve with thermostatic controls, NRD, and other accessories to meet the AC load of the main CR area of Unit # 5 at <b>17.0M</b> . High Efficieency Filters shall be provided at	NO	3		0		0
3	discharge of AHUs as per specification.  Sheet metal cabinet type air handling units (double skin as per specification) consisting of chilled water cooling coil, centrifugal						
	blower(s), TEFC sq. cage induction motor, pre-filters, 3-way motorised mixing valve with thermostatic controls, NRD and other accessories to meet the AC load of the main CR area of Unit # 5 at <b>8.5m.</b> High Efficieency Filters shall be provided at discharge of AHUs as per specification.	NO	3		0		0
4*	Ceiling suspended AHU consisting of chilled water cooling coil, blower, motor, driveset, filters (prefilter), 3-way motorised mixing valve with thermostatic controls, NRD and other accessories to meet the AC load of different areas. High Efficiency						
a*	Filters (if required) shall be provided at discharge of AHUs as per specification.  10 TR	NO*	2		0		0
b*	7 TR	NO*	2		0		0
c*	5 TR	NO*	2		0		0
5	Fibreglass reinforced plastic (FRP) construction cooling towers (common for AC Plant-1 & AC Plant-2) complete with fan, motor, FRP basin, nozzles, make-up water, quick fill, equalising and drain water connection. instruments, piping, valves, strainers, ladder & structural support and all accessories as specified as per specification.	NO	2		0		0
6	Centrifugal pump sets for condenser water recirculation (common for AC Plant-1 & AC Plant-2) complete with TEFC motor &	NO	3		0		0
7	all accessories as specified.  Centrifugal pump sets for chilled water recirculation complete with TEFC motor drive set & all accessories, as specified.	NO	3		0		0
8*	FRP Make up water Tank (common for AC Plant-1 & AC Plant-2) of Min. 4m3 capacity with make up water line with float	NO	3		0		U
	valve, quick fill line with ball valve, drain line with ball valve, overflow & vent line, instruments, valves and all other accessories as per specification.	Nos*	1		0		0
9*	FRP Make up (soft water) water cum storage tank (common for AC Plant-1 & AC Plant-2) of Min 8m3 capacity for cooling towers with make up water line with float valve, quick fill line with ball valve, drain line with ball valve, overflow & vent	Nos*	2		0		0
10	line,instruments, valves and all other accessories as per specification.  FRP Expansion Tank of min 2 m3 capacity for chilled water with insulation, Make up water line with float valve, quick fill line						
	with ball valve, drain line with ball valve, overflow & vent line, instruments and valves as per specification.	NO	1		0		0
11	Skid mounted softening plant (2 x 100 %) (common for AC Plant-1 & AC Plant-2) with associated piping, valves, instruments, pumps for make up, regeneration pumps & vessels, buffer tank as applicable with suitable rubber lining & as per tender	Sets	1		0		0
	requirement, Along with chemicals for dosing and with all accessories to meet system requirements and as specification.	Jets	1		0		U
12*	HDPE Piping (as per requirement) complying to IS 4984, PN 10, PE80 carbon black, UV rating) along with valves for transferring softening plant reject and cooling tower blow down to nearest ETP sump.	mtrs*	100		0		0
13*	Pumps with motor set of suitable material along with accessories for pumping of softening plant reject and cooling tower blow down as per specification to nearest ETP sump located at approx 100 mtrs distance.	Nos*	2		0		0
14	Condenser water piping (Common for AC Plant 1 and AC Plant 2) with necessary fittings like tee, reducer, expander, elbow, flange, strainer with flange, air vent, all types of valves with flanges, valves including piping from soft water storage tank to	LOT	1		0		0
15	pan humidifiers of AHU room & PAC room.  Complete Insulated Chilled water piping with necessary fittings like tees, reducers, expanders, elbows, flanges, all types of						
16	valves with flanges, strainers with flanges, air vents etc with supports as per specifications.  Monsoon reheating / winter heating kit comprising strip heaters, safety controls, air-stat, contactors, frame work, thermostat	LOT	1		0		U
17	& humidistat/ sensors etc.  HUMIDIFIER for each AHU room complete with humidistat, safety controls, make up water piping from make up tank /	LOT	1		0		0
18	nearest source of water, valves fittings etc  Fresh air fan (axial flow type), complete with motor, inlet cone, air filters (pre and fine), dampers etc. along with support	LOT	1		0		0
	structure and other accessories for each AHU room	LOT	1		0		0
19	Smoke exhaust fan complete with flame proof motor & mounting frame, motorized isolating dampers with cowl & bird screen alongwith support structure and other accessories for each AHU room	LOT	1		0		0
В	AC Plant -2, (For ESP CUM FGD control room) for Unit-5						
1*	Water cooled precision package unit of min. <b>20 TR</b> actual capacity consisting of compressor, water cooled condenser, evaporator with blower and motor, expansion valve, filter, etc & all other accessories as specified.	Nos*	8		0		0
2	Fresh air fan (axial flow type), complete with motor, inlet cone, air filters (pre and fine), dampers etc. along with support structure and other accessories for PAC room	LOT	1		0		0
3	Smoke exhaust fan complete with flame proof motor & mounting frame, motorized isolating dampers with cowl & bird screen alongwith support structure and other accessories for PAC room	LOT	1		0		0
С	ITEMS COMMON TO ALL AC PLANTS						
1*	GI ducting (finished), diffusers/ grills, volume control dampers etc. complete with all accessories as required to complete ducting system.						
1.1*	Galvanised steel sheets (finished) having zinc coating of atleast 180 gms/ sqm ducting complete with accessories like flanges,						
	bracings, nuts, bolts, washers, gasket, locknut, hilti, threaded hanging rods, supports, vanes, splitter dampers, sealant, adhesive etc. required to make the installation complete in all respect.						
	18G. 20G.	SQM*	450		0		0
	22G.	SQM* SQM*	450 1200		0		0
(d)*	24G.	SQM*	2000		0		0
1.2*	SUPPLY AIR DIFFUSERS / GRILLS with VCD (Extruded Aluminium powder coated ) complete with fixing frames, nuts, bolts, gaskets, washers etc	SQM*	35		0		0
1.3*	RETURN AIR DIFFUSERS / GRILLS without VCD (Extruded Aluminium powder coated) complete with fixing frames, nuts, bolts, gaskets, washers etc	SQM*	55		0		0
1.4*	VOLUME CONTROL DAMPERS in GI construction as per specifications for supply / return ducts complete with fixing arrangement.	SQM*	8		0		0
	Fire damper.						
	Fire damper with auto resetting, limit switches, indication lamps etc.  Motorized actuator with single phase power supply for the above fire damper / MD / VCD.	SQM*	12		0		0
2	Acoustic insulation of ducting from AHU, Precision AC, Package AC etc outlets with material and finish as per specifications.	NO*	15		0		0
	The moral invalidation of the state of the s	LOT	1		0		0
3*	Thermal insulation of supply air duct & return air duct with finish as specified.	SQM*	4300		0		0

NAME	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V						
	OF PACKAGE:	AIR CONDITIONING SYSTEM						
		PE-TS-445-553-A001						
TEND	ER ENQUIRY NO :	PE/PG/SGI/E-6703/2021 Dated 23.07.2021		1	0.115	DI V	050//0	<b>-</b> 0
					SUP	PLY	SERVIC	ES
SI. No.	DESCRIPTI	ON	Unit	QTY	Unit Ex-works duly packed (INR)	Total Ex-works duly packed (INR)	Unit E&C Price (INR)	Total E&C Price (INR)
4*	Drain piping with and without insulation from various equipment upt tees, reducers, expanders, elbows, flanges, valves with flanges, U tra							
a*	50mm		Rmt*	100		0		0
b*	40mm		Rmt*	100		0		0
D	AC System for Aux. building for unit # 5 and Phase-II as rerquired							
1*	Air Cooled PAC-Unit complete with all accessories as specified The phetaers, pan humidifier, filters, acoustic insulation of duct for 5m fro required instrumentation etc							
(a)*	<sup>*</sup> 10 TR net capacity		NO*	1		0		0
2*	MONSOON REHEATING / WINTER HEATING KIT comprising strip heat thermostat & humidistat/ sensors etc. for below mentioned PAC.	ters, safety controls, air-stat, contactors, frame work,						
(a)*	* 10 TR net capacity		NO*	1		0		0
3*	HUMIDIFIER for below mentioned PAC complete with humidistat, saf nearest source of water, valves fittings etc	fety controls, make up water piping from make up tank /						
(a)*	10 TR net capacity		NO*	1		0		0
4*	Fresh air fan (axial flow type), complete with motor, inlet cone, air fil structure and other accessories for below mentioned package AC	lters (pre and fine), dampers etc. along with support						
	10 TR net capacity		NO*	1		0		0
5*	Smoke exhaust fan complete with flame proof motor & mounting fra alongwith support structure and other accessories for below mention							
(a)*	* 10 TR net capacity		NO*	1		0		0
6*	AIR COOLED SPLIT UNITS consisting of outdoor unit (having compress (having evaporator coil, filter,fan with motor), interconnecting refrig insulation, cordless remote, electrical power cord upto the nearest a indoor and outdoor unit, Stablizer,etc.	erant piping as per site requirement & fittings with						
(a)*	5.0 TR capacity (ductable type, 415 V, 3 phase with isolation switch).		NO*	2		0		0
(b)*	2.0 TR capacity (non-ductable type, 240 V, 1 phase) with isolation sw stabilizer, cabling, all supporting structure and refrigerant piping to stabilizer.		NO*	80		0		0
	etc. Split AC shall be of best rating as per latest BEE based on ISEER					·		
(c)*	1.5 TR capacity (non-ductable type, 240 V, 1 phase) with isolation sw stabilizer, cabling, all supporting structure and refrigerant piping to setc. Split AC shall be of best rating as per latest BEE based on ISEER		NO*	20		0		0
E*	Handling arangement							
1*	3 Ton capacity electric hoist with monorail		No*	1		0		0
2*	1 Ton capacity chain pulley block with travelling trolley and monorail	arrangement		1		U		0
	Ton Chain Pulley Block with tripod stand (without Travelling trolley)		No*	1		0		0
4*	Manually operated, platform trolley of 1 Ton capacity with base area		Nos*	2		0		0
F	Electrical items like Cable tray, cable tray support system, conduits,		Nos*	2		0		0
	arrangement and any other item etc. required for completeness of Sy	ystem	LOT	1		0		0
G	<b>FIELD INSTRUMENTS</b> like gauges, switches, transmitters for measure pressure, level, flow etc., greyser stat, humidstat, air stat, RH and ter completeness of System		LOT	1		0		0
H*	Local Control Panels along with fixing arrangement as per requireme	nt for completeness of AC system.	LOT*	1		0		0
l*	Fibre optic Cable with its accessories from I/O Panel / Racks to Main	·	Rmt*	200		0		0
J	Total lumpsum price for special tools & tackles for maintenance inclu (Bidder shall submit item-wise price break-up-As per <b>Appendix A</b> ).	usive of packing forwarding, transportation up to site, etc.	LOT	1	0	0	NA	
K	Total lumpsum price for commissioning spares inclusive of packing for submit item-wise price break-up-As per <b>Appendix B</b> ).	orwarding, transportation up to site, etc. (Bidder shall	LOT	1	0	0	NA	
L*	Industrial Salt		Tonne*	1		0	NA	
M*	Providing full support during FAT of DDCMIS, preparation of control specification.	scheme, and commissining of DDCMIS as per relevent	Mandays*	21	N	Α		0
N	Any other item not indicated above, but required to make the system requirement.	n complete in all respects as per specification and system	LOT	1		0		0
		Total				0		0

NOTE 1) S. No. 2.1.2 shall be used for price adjustments on account of change in landing (if any) for the respective elevators. 2) S. No. 2.1.3 shall be used for price adjustments on account of change in travel (if any) for the respective elevators.

ANNEXURE-I

	ADDENINIY.A	(Special Tools & Tack	dos for maintona	anco)	
NAME	OF PROJECT:	1 X 660 MW WBPDCL		•	
	OF PACKAGE:	AIR CONDITIONING S		XIIV	
	IICAL SPECIFICATION:	PE-TS-445-553-A001	1 D 1 100 07 0	201	
TENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/202	21 Dated 23.07.20		Ι
SI. No.	DESCRIPTION	UNIT	QTY	Unit Ex-works duly packed (INR)	Total Ex-works duly packed (INR)
1	FLAT D WRENCH - 6 MM TO 32 MM (12 Pcs)	SET	1		0
2	BOX WRENCHES - 6 MM TO 22 MM (14 Pcs)	SET	1		0
3	RING SPANNER - 6 MM TO 32 MM (12 Pcs)	SET	1		0
4	ALLEN KEYS - 2 MM TO 10 MM	SET	1		0
5	CRESCENT SCREW SPANNER	NO.	1		0
6	SCREW DRIVER	NO.	1		0
7	OFFSET SCREW DRIVER	NO.	1		0
8	INSULATED PLIER	NO.	1		0
9	TORCH LIGHT FOR 2 CELL	NO.	1		0
10	HAMMER 1 LB	NO.	1		0
11	OIL CAN	NO.	1		0
12	POCKET THERMOMETER - 0 TO 50 DEG. C)	NO.	1		0
13	INSULATION TAPE ROLL	NO.	1		0
14	STEEL FOOT RULE - 12"	NO.	1		0
15	FEELER GAUGE 9 BLADES	NO.	1		0
16	PIPE WRENCH	NO.	1		0
17	FLARE NUT (1/4")	NOS.	6		0
18	FLARING TOOL	NO.	1		0
19	TUBE CUTTER	NO.	1		0
20	GAS CHARGING PIPE	NO.	1		0
21	NITOGEN CHARGING ADAPTER	NO.	1		0
22	FREON PRESSURE GAUGE (2 1/2" DIA DIAL) ) 0 - 300 MM PSI	NO.	1		0
23	FREON PRESSURE GAUGE (2 1/2" DIA DIAL) ) 30 - 150 MM PSI	NO.	1		0

	APPENDIX-A (Special Tools & Tackles for maintenance)						
NAME	OF PROJECT:	1 X 660 MW WBPDCL	SAGARDIGHI E	XTN V			
NAME	OF PACKAGE:	AIR CONDITIONING S	YSTEM				
TECHN	IICAL SPECIFICATION:	PE-TS-445-553-A001					
TENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/202	21 Dated 23.07.2	021			
SI. No.	DESCRIPTION	UNIT QTY Unit Ex-works duly packed (INR)					
24	PSYCHRO METER	NO.	1		0		
25	LOCK WITH KEY FOR TOOL BOX	NO.	1		0		
26	RATCHET 1/4"	NO.	1		0		
27	MS TOOL BOX	NO.	1		0		
		Total			0		
NOTES:	NOTES:-						
1	Above is the minimum list. Any other Tools and tackles required for AC system w.r.t. Mechanical, Electrical and C&I part shall also be provided by the Bidder as per system / customer requirement without any commercial & Delivery implication to BHEL.						
2	Supply of special tools and tackle including too bidder.	olbox required for operation,	maintenance and o	verhauling of the syste	m is in the scope of the		

	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V					
	OF PACKAGE:	AIR CONDITIONING					
	IICAL SPECIFICATION:	PE-TS-445-553-A001					
TENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/2	021 Dated 23.07	<b>7.2021</b>			
SI. No.	DESCRIPTION	UNIT	QTY	Unit Ex-works duly packed (INR)	Total Ex-works duly packed (INR		
1	Fan Belts ( each type & size)	Set	1		0		
2	Pressure Gauge (for each type and range)	No.	1		0		
3	Temprature Gauge (for each type and range)	No.	1		0		
4	Filter (each size)	Set	1		0		
5	Compressor Oil	Ltr. (Lot)	1		0		
6	Refrigerant gas of each type in a non- returnable cylinders	Kg (Lot)	1		0		
		Total			0		
NOTES:							
1	Above is the minimum list. Any other commiss provided by the Bidder as per system / custon						

	ANNEXURE-II (Mandatory Spares)					
	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V				
	OF PACKAGE:	AIR CONDITIONING SYSTEM				
	ICAL SPECIFICATION:	PE-TS-445-553-A001				
TENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/2021 Dated 23.07.2021	T			
SI. No.	DESCRIPTION	QTY	Total Ex-works duly packed (INR)			
6.07.00	Air Conditioning System					
6.07.01 (A)	Reciprocating Compressors of all categories					
(i)	Piston Ring	1Set for each categories				
(ii)	Piston	1Set for each categories				
(iii)	Complete Set of Bearing	1Set for each categories				
(iv)	Complete Set of Seal and other wear out parts	1Set for each categories				
(v)	Complete set of Valve Head Assembly	2Sets for each categories				
(vi)	Crank Shaft complete set	1Set for each categories				
(vii)	Connecting Rod	1Set for each categories				
6.07.01 (B)	Screw Compressors of all categories					
(i)	O' rings & oil seals - screw compressors	2 sets for each				
(ii)	Suction filter elements - screw compressors	1 Set for each rating of compressors				
(iii)	Bearings - screw compressors	4 sets for each rating of compressors				
(iv)	Gaskets - screw compressors	1 Set for each rating of compressors				
(v)	Complete set of suction Valves and Discharge Valves - screw compressors.	2 set of bearings for each				
(vi)	crane case heater - screw compressors	1 Set for each rating of compressors				
(vii)	Oil pressure failure safety switch - screw compressors	2 Set for each rating of compressors				
6.07.02	Centrifugal pumps of all categories					
(i)	Impeller	1Set for each categories				
(ii)	Wearing Rings	1Set for each categories				
(iii)	Complete Set of Bearing	1Set for each categories				
(iv)	Complete Set of Seal and other wear out parts	1Set for each categories				
(v)	Strainer Basket	1Set for each categories				
6.07.03	Centrifugal Blowers of All AHU					
(i)	Rotating Assembly	1Set for each categories				
(ii)	Complete Set of Bearing	1Set for each categories				

	ANNEXURE-II (Mandatory Spares)						
NAME	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V					
	OF PACKAGE:	AIR CONDITIONING SYSTEM					
	IICAL SPECIFICATION: R ENQUIRY NO :	PE-TS-445-553-A001 PE/PG/SGI/E-6703/2021 Dated 23.07.2021					
	DESCRIPTION	QTY	Total Ex-works duly packed (INR)				
6.07.04	Heat Exchangers						
(i)	Plug for condenser Tube	10Nos.					
(ii)	Sight Glass	2Nos. each type					
(iii)	Safety Relief valves	1No. each type					
6.07.05	Cooling Tower						
(i)	Spray nozzles	1Set (one set means complete replacement for one cooling tower)					
(ii)	Set of fills	10% (ronded off to the next higher integer) of total quantity used one Tower					
6.07.06	Valves	1No. for each type, Class and size					
6.07.07	Electrical Spares as applicable as per the Electrical List	Applicable Item & Quantity same as indicated in Electrical list SI. No.7.12.00, 7.13.00 & 7.21.00					
6.07.08	Field Instruments & Others as applicable as per the C&I List	Applicable Item & Quantity same as indicated in C&I list SI. No. 8.04.00 & 8.10.00					
В	Electrical spares						
7.12.00	Control Panel/Desk Mounted Items						
7.12.01	Push Button Complete assembly	10Nos for each colour					
7.12.02	Push Button Contact Element (1NO + 1NC) Block	20Nos.					
7.12.03	Selector Switch	10Nos. for each type and rating					
7.12.04	Meter (Analog and Digital)						
(i)	Ammeter	2Nos. for each type and range					
(ii)	Voltmeter	2Nos. for each type and range					
(iii)	Frequency	2Nos. for each type and range					
(iv)	MW	2Nos. for each type and range					
(v)	MVAR	2Nos. for each type and range					
(vi)	Power Factor	2Nos. for each type and range					
(vii)	Synchroscope	1No. for each type and range					
(viii)	Synchrocheck Relay complete set	1No. for each type and range					
(ix)	Transducer	1No. for each type and range					
7.12.05	Indicating Lamps complete assembly	20Nos. for each Colour and type					
7.12.06	Mimic Lamps	10Nos. for each Colour and type					
7.12.07	мсв	5Nos. for each type and rating					
			· · · · · · · · · · · · · · · · · · ·				

ANNEXURE-II (Mandatory Spares)					
	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V			
	OF PACKAGE:	AIR CONDITIONING SYSTEM			
	ICAL SPECIFICATION:	PE-TS-445-553-A001			
IENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/2021 Dated 23.07.2021			
SI. No.	DESCRIPTION	QTY	Total Ex-works duly packed (INR)		
7.12.08	Door Limit Switch	5Nos.			
7.12.09	Annunciation system				
(i)	Lamp Box with Facia & Lamps (LED type)	25Nos.			
(ii)	Hooter	1No.			
(iii)	Each type of PCB (for non-PLC driven system)	1(one) no.			
7.13.00	Actuator				
7.13.01	Complete set of Actuator	2Nos. for each type, make and rating, 1 no. for H2 cooler Temperature controller and 1 no. for stator water temperature controller			
7.13.02	Power Unit for Modulating Actuator	4Nos. of each type			
7.13.03	DC-DC Power Pack Unit	4Nos. of each type			
7.13.04	Electronic cards	4Nos. of each type			
7.13.05	Position Feed Back Transmitters	4Nos. of each type			
7.13.06	Control Unit	4Nos. of each type			
7.13.07	Limit Switch Assembly	2 Nos each type and rating			
7.13.08	Torque Switch Assembly	2 Nos each type and rating			
7.13.09	Power Contactor	5Nos. for each type and rating			
7.13.10	Auxiliary Contactor	5Nos. for each type and rating			
7.13.11	Thermal Over Load Relay	2Nos. for each type and rating			
7.13.12	Motor	1No. each type and rating			
7.13.13	Complete Seal kit	2Sets for each type and rating			
7.13.14	Complete O-Ring Set	2Sets for each type and rating			
7.21.00	Motor				
7.21.02	415 Volt Motor				
(i)	Motor of each type and rating (Note : motors covered in mechanical spare items need not to be included here again) 10% of the installed quantity or minimum 1 number whichever be higher				
(ii)	End Shield Cover Driving & Non-Driving End	1 set for each type and rating of Motor			
(iii)	Heaters	2 sets for each type and rating of motor			
(iv)	Bearings (DE and NDE) for each type and rating of motor	2 sets			

ANNEXURE-II (Mandatory Spares)						
	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V				
	OF PACKAGE:	AIR CONDITIONING SYSTEM				
	ICAL SPECIFICATION:	PE-TS-445-553-A001				
TENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/2021 Dated 23.07.2021				
SI. No.	DESCRIPTION	QTY	Total Ex-works duly packed (INR)			
(v)	Cooling Fan for all type and rating of LT motors	One (1) set				
(vi)	Dust seals and gaskets for each type of motors	1 Set				
(vii)	Motor Terminal Block	1 no. for each type and rating of Motor				
(viii)	Complete Set of Coupling	1 set for each type and rating				
7.21.04	DC Motor					
	Motor of each type and rating (Note: motors covered in mechanical spare items need not to be included here again)	10% of the installed quantity or minimum 1 number whichever be higher				
(ii)	Carbon brushes	2 sets for each type and rating of Motor				
(iii)	Brush assemblies	2 sets for each type and rating of Motor				
(iv)	Terminal blocks	1 set for each type and rating of Motor				
(v)	Heaters 1 set for each type and rating of Motor					
(vi)	Complete Set of Coupling	1 set for each type and rating of Motor				
(vii)	Bearings (DE and NDE) for each type and rating of motor	1 set for each type and rating of Motor				
(viii)	Cooling Fan	1 set for each type and rating of Motor				
С	C&I Spares					
8.04.00	Field Instrument					
8.04.01	Electronic Transmitters					
(i)	Pressure	1(One) no. complete set for each type and model/range used in the system				
(ii)	Differential Pressure	1(One) no. complete set for each type and model/range used in the system				
(iii)	Level	1(One) no. complete set for each type and model/range used in the system				
(iv)	Speed	1(One) no. complete set for each type and model/range used in the system				
(v)	FlowTransmitter	1(One) no. complete set for each type and model/range used in the system				
(vi)	3-D Ultrasonic level Transmitter	1(One) no. complete set for each type and model/range used in the system				
8.04.02	Different type of Switches					
(i)	Pressure Switch	2(two)no. of each type & model/range used in the system				
(ii)	Differential Pressure Switch	2(two)no. of each type & model/range used in the system				
(iii)	Level Switch	2(two)no. of each type & model/range used in the system				
(iv)	Flow Switch	2(two)no. of each type & model/range used in the system				

ANNEXURE-II (Mandatory Spares)						
NAME	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V				
	OF PACKAGE:	AIR CONDITIONING SYSTEM				
	ICAL SPECIFICATION:	PE-TS-445-553-A001				
TENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/2021 Dated 23.07.2021				
SI. No.	DESCRIPTION	QTY	Total Ex-works duly packed (INR)			
(v)	Temperature Switch	2(two)no. of each type & model/range used in the system				
(vi)	Dust Detector	1(one)no. of each type & model used in the system				
8.04.03	Thermocouple	10% of each type and length used in one unit				
8.04.04	RTD	10% of each type and length used in one unit				
8.04.05	Thermo-well for both TC and RTD	2(Two) nos. for each type and rating/length used in the system				
8.04.06	Solenoid Valve					
(i)	Complete Solenoid Valve Assembly	2Nos. for each type and rating used in the system				
(ii)	Coil (single or double coil type)	10% of total nos. used in the system or minimum 5(five) Nos. whichever is more for each type and rating.				
8.04.07	Different types of Gauge					
(i)	Pressure Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.				
(ii)	Differential Pressure Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.				
(iii)	Temperature Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.				
(iv)	Magnetic Level Gauge	10% of total nos. used in the system or minimum 1(one) no. whichever is more for each type and range.				
X DA DX	Air Filter Regulator including moisture separator complete set with pressure gauges	10Nos.				
8.04.09	Rotameter	10% of total nos. used in the system or minimum 2(Two) nos. whichever is more for each type, rating,/model and size used in the system.				
8.04.10	Gauge Glass	1No. for each type and size				
8.04.11	Erection Hardware					
(i)	Transmitter's Manifold	10% of total nos. used in the system or minimum 2(Two) nos. whichever is more for each type, rating,/model and size used in the system.				
(ii)	Impulse Line Root/Source valve	10% of total nos. used in the system or minimum 4(four) nos. whichever is more for each type, rating,/model and size used in the system.				
(iii)	Impulse Line Isolation valve	10% of total nos. used in the system or minimum 4(four) nos. whichever is more for each type, rating,/model and size used in the system.				
(iv)	Impulse Line Drain valve	10% of total nos. used in the system or minimum 4(four) nos. whichever is more for each type, rating,/model and size used in the system.				
(v)	Impulse Line fittings	Each type/size 25Nos.				

ANNEXURE-II (Mandatory Spares)						
	OF PROJECT:	1 X 660 MW WBPDCL SAGARDIGHI EXTN V				
	OF PACKAGE:	AIR CONDITIONING SYSTEM				
	ICAL SPECIFICATION: R ENQUIRY NO :	PE-TS-445-553-A001 PE/PG/SGI/E-6703/2021 Dated 23.07.2021				
	DESCRIPTION	QTY	Total Ex-works duly packed (INR)			
(vi)	Impulse Pipe	Each type/size 100Mtrs.				
(vii)	Copper/SS Tube	Each type/size 100Mtrs.				
(viii)	Fittings for Copper/SS Tube	Each type/size 100Nos.				
8.04.13	Conductivity Type Level Switch					
(i)	Conductivity Ttype level Probes	10% of total nos. used in the system or minimum 4(four) nos. whichever is more.				
(ii)	Complete Electronics unit	1Set				
(iii)	Isolating/Root Valve	2Nos.				
	Cable This particulat items shall be common for BTG , CHP and AHP areas.					
(i)	Thermocouple Cable	3(three)Kms. of each type, size & rating of Cables				
(ii)	Control & Instrumentation Cable	3(three)Kms. of each type, size & rating of Cables				
8.04.15	Cold Junction Compensation Boxes	10% of total nos. used in the system or minimum 2(two) nos. for each type/size whichever is more.				
8.04.16	Current/Voltage Transducers	1(one) no. each type/rating used in the system				
8.04.17	MWatt/MVAR Transducer	1(one) no. each type/rating used in the system				
8.04.18	Chlorine Leak Detector System					
(i)	Sensor Unit (complete )	2No.				
(ii)	Transmitter/Processing Unit (complete)	2No.				
8.10.00	Control Panel And Local/Remote Control Desk					
8.10.01	Mosaic/Conventional Type Push button Station	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.				
8.10.02	Mosaic Type Push button Station with LED Indication	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.				
8.10.03	Mosaic Type LED Indication Station	10% of total quantity used in the system or minimum 2(two) nos. whichever is more for each type and model.				
8.10.04	Simaphore Indicator	2(two)Nos. each type				
8.10.05	Annunciation System					
(i)	Each type of PCB (for non-PLC driven system)	1(one) No. each				
(ii)	Lamp Box with Facia & Lamps (LED type)	10(ten)Nos.				
(iii)	Hooter	1(one) No.				

ANNEXURE-II (Mandatory Spares)						
NAME OF PROJECT:		1 X 660 MW WBPDCL SAGARDIGHI EXTN V				
		AIR CONDITIONING SYSTEM				
	ICAL SPECIFICATION:	PE-TS-445-553-A001				
IENDE	R ENQUIRY NO :	PE/PG/SGI/E-6703/2021 Dated 23.07.2021				
SI. No.	DESCRIPTION	Total Ex-works duly packed (INR)				
D	MANDATORY SPARES FOR MATERIAL HANDLING EQUIPMENT (AS APPLICABLE)					
6.02.00	Electrical Hoist					
D.UZ.UT	Bearings for Long Travel Wheels [Bearing of each type and size used in motors]	1 Set for each type & capacity of Hoist				
n uz uz 1	Bearings for Cross Travel Wheels [Bearing of each type and size used in motors]	1 Set for each type & capacity of Hoist				
6.02.03	Bearings for each type of Gear Boxes of the Hoist	1 Set for each type & capacity of Hoist				
6.02.04	Brake Liner for all the Brakes of the Hoist	100% for each type & capacity of Hoist				
6.02.05	Hydraulic Thruster for Brakes	1 No. for each type & capacity of Hoist				
6.02.06	Oil Seals for all types of the Hoist	100% for each type & capacity of Hoist				
6.02.07	Brake Springs for all Brakes	100% for each type & capacity of Hoist				
6.02.08	Wire Rope for Aux. Hook	100% of one Hoist for each type & capacity of Hoist				
6.02.09	Electrical					
(i)	Other Electrical Spares as applicable as per the Electrical List	Applicable Item & Quantity same as indicated in Electrical list SI. No.7.08.00,7.12.00 & 7.21.00				
(ii)	Limit Switches for:					
(a)	Hoist	1Set. for each type & capacity of Hoist				
(b)	Cross Travel	1Set. for each type & capacity of Hoist				
(c)	Long Travel	1Set. for each type & capacity of Hoist				
(iii)	Control Trailing Cable for Electrical Hoist	100% of one Hoist for each type & capacity of Hoist				
(iv)	Power Trailing Cable for Electrical Hoist	100% of one Hoist for each type & capacity of Hoist				
	Total					
NOTES:-						
	Mandatory spares listed in Price Schedule are bare minimum requirement the tender specification apart from specified above, same shall be deer		s covered elsewhere in			
b)	Wherever "set" is indicated, it shall mean complete replacement for on	e main equipment of similar size & capacity.				

ANNEXURE-II DEVIATION SHEET (COST OF WITHDRAWAL)									
PROJECT:-					1 X 660 MW WBPDCL SAGARDIGHI EXTN V				
PACKAGE :-					AIR CONDITIONING SYSTEM				
TENDER ENQUIRY :-					PE/PG/SGI/E-6703/2021 dtd.23.07.2021				
		_	NAME OF 1	THE BIDDER					
SI. No.	Volume/Section	Page No.	Clause No.	Technical Specification/Tender Document No	Complete Description of Deviation	Cost of withdrawal of deviation to be entered by the bidder in	Reference of price Schedule of which Cost of Withdrawal of Deviation is applicable	Nature of cost of withdrawal of deviation (Positive/Negative)	Reasons for quoting deviation
1	TECHNICAL DEVIATION								
1.01									
1.02									
1.03									
1.04									
1.05									
1.00									
1.06									
1.07									
1.08									
2	COMMERCIAL DEVIATION								
2.01									
2.02									
2.03									
2.04									
2.05									
0.00									
2.06									
2.07									
2.08									

### NOTES:

- 1. Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
- 2. All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format.
- 3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.
- 4.Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.
- 5. Bidder shall furnish price copy of above format along with price bid.
- 6. The final decision of acceptance/rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
- 7.Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.
- 8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawl of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawl of deviation shall be taken as NIL.
- 9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.
- 10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
- 11. Cost of withdrawl is to be given seperately for each deviation. In no event bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL.
- 12. In case nature of cost of withdrawl (positive/negative) is not specified it shall be assumed as positive.
- 13. In case of descrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.

PROJECT:	
PACKAGE:	

**VENDOR NAME:** 

**CREDENTIAL BOOKLET** 

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