

PO no:	OTPC/PO/
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#### **TERMS & CONDITIONS:**

ONGC Tripura Power Company Limited (hereinafter referred as 'OTPC' or	'Purchaser' or 'Owner') is
pleased to issue the Purchase Order (PO) for Supply of "	
Gas Based Combined Cycle Power Plant at Palatana, Tripura to M/s _	(hereinafter
referred as '' or 'Supplier') as per following Terms & Conditions:	

## This Purchase Order has reference to the following:

## 1.0 SCOPE OF SUPPLY

Scope shall include but not be limited to design, engineering, procurement, manufacturing, inspection, testing, packing, handling, transportation and delivery to Palatana Power Plant ("Site") of Supply and Commissioning of Self – Propelled Diesel Operated Articulated Boom Lift (Man Lifter) including commissioning spares and Mandatory spares for 2 x 363.3 MW Gas Based Combined Cycle Power Plant at Palatana, Tripura as per Technical Specifications attached as Annexure-B to the Purchase Order ("Scope of Supply"). All the spares for the equipment under the Contract shall strictly conform to the technical specification and documents and shall be identical to the corresponding main equipment / components supplied under the Contract and shall be fully interchangeable. The Contractor shall supply commissioning spares considering allowances as per experience of the Contractor to cover wastage / breakage during transportation, storage, handling, construction, erection, testing and commissioning ("Commissioning Spares"). The Contractor shall be fully responsible for ensuring availability of adequate quantities of Commissioning Spares at the Site. If Commissioning Spares supplied are found to be inadequate, the Contractor shall supply additional Commissioning Spares promptly at his own cost.

# 2.0 PRICE BASIS

Total Amount specified in the Purchase Order includes all costs, expenses, overheads etc. to be incurred by the Supplier and profit margin for fulfilling the obligations and supply of all the materials included in the Scope of Supply under the Purchase Order including but not limited to cost of raw material, labour, manufacturing, testing, packing & forwarding, freight and transit insurance, financing charges etc. ("Contract Price"). The Contract Price, unit prices, pricing for change and all other prices and rates set forth in the Purchase Order shall remain fixed and firm and shall not be subject to any change till completion of Scope of Supply.

# 3.0 TAXES & DUTIES

The Contract Price is inclusive of all applicable taxes, duties, levies in India including but not limited to goods & services tax, VAT, excise duties, custom duties etc. The rates of taxes, duties, levies etc. payable under the Purchase Order is as prevalent on the date of the Purchase Order. In case of statutory variation (upward or downward) in these taxes, duties etc. or imposition of any new taxes, duties etc. or withdrawal of existing taxes, duties etc. under applicable law by any Government agency within the Time for Completion, same shall be paid by the Supplier and reimbursed by Purchaser against documentary evidence of such change

#### 4.0 TIME FOR COMPLETION

The Supplier agrees and acknowledges that timely completion of the Scope of Supply and performance of obligations under the Purchase Order is the essence of the Purchase Order. The time for completion shall be 3 (Three) Months from the date of the Purchase Order (the "Time for Completion") and the Supplier agrees to complete the Scope of Supply within such time. Date of completion of the Scope of Supply shall be the date on which the Purchaser certifies that the Scope of Supply under the Purchase Order stands complete.

If the Supplier fails to complete delivery of all the materials as per the Scope of Supply at the Site within the Time for Completion, the Purchaser may cancel the Purchase Order in part or full at his own discretion and purchase such cancelled materials from other source at the Supplier's risk and cost, in which case the Supplier shall be liable to pay the Purchaser not only the difference between



the price at which such goods have been actually purchased and the price calculated at the unit price set out in the Purchase Order but also any other loss or damage the Purchaser may suffer.

Provided that the Purchaser, at its sole discretion, may extend the time period for completion of the Scope of Supply, subject to imposition of liquidated damages or other terms as may be considered appropriate by the Purchaser.

## 5.0 ORDER ACCEPTANCE

The Supplier's unconditional and unequivocal acceptance of the Purchase Order and the terms and conditions specified therein must be received by the Purchaser within seven (7) days from the date of the Purchase Order. The acceptance shall be communicated by the Supplier by sending a copy of the Purchase Order and the terms and conditions specified therein, bearing the signature of the authorized signatory of the Supplier and Seal of the Supplier on each page. In the event of non-receipt of such acceptance within stipulated period, it shall be considered as deemed acceptance of the Purchase Order including the terms & conditions specified therein.

#### 6.0 PERFORMANCE BANK GUARANTEE

Within 15 (fifteen) days from the date of the Purchase Order, the Supplier shall provide to the Purchaser an unconditional and irrevocable performance bank guarantee of an amount equivalent to Ten percent (10%) of the Contract Price for due performance of its obligations under the Purchase Order with an initial validity of up to 90 (ninety) days beyond the Warranty Period, a format of which is attached as Appendix-B ("Performance Bank Guarantee"). Performance Bank Guarantee to be submitted by Supplier shall be from an acceptable bank listed in Appendix-A attached herewith. The Performance Bank Guarantee shall be issued in paper form along with Structured Financial Messaging System (SFMS) confirmation from the Bank.

If for any reason, including but not limited to extension of the Time for Completion, the validity of the existing Performance Bank Guarantee is to expire prior to completion of ninety (90) days beyond the Warranty Period, the Supplier shall ensure that the Performance Bank guarantee is renewed and extended for a period up to ninety (90) days beyond the Warranty Period.

The Supplier shall ensure that such renewed Performance Bank Guarantee is submitted to the Purchaser at least ten (10) days prior to the expiry of the existing Performance Bank Guarantee, failing which the Purchaser shall be entitled to invoke the existing Performance Bank Guarantee.

The Supplier acknowledges and agrees that the Performance Bank Guarantee shall be held by the Purchaser as security for the satisfactory completion of the obligations of the Supplier in accordance with the Purchase Order, including recovery of any amount due to the Purchaser from the Supplier. The Purchaser shall have unconditional option under the Performance Bank Guarantee to invoke and encash the same and shall be entitled to recover from the Performance Bank Guarantee, any amounts which may become due to the Purchaser from the Supplier.

#### 7.0 PAYMENT

Subject to receipt of the Performance Bank Guarantee by the Purchaser as provided in Clause 6 above, the purchaser shall pay to the Supplier for the materials to be supplied by the Supplier as per the terms of the Purchase Order. Any payment shall be made within thirty (30) days of receipt of all the material in good condition at Palatana Power Plant as per scope of supply defined in para 1.0 and the receipt of the following documents by the Purchaser in one (1) original and one (1) copy: (a) Invoice bearing GST number, HSN code and PAN number of the Supplier and, specifying Purchase Order number, Purchase Order date, (b) signed copy of delivery challan, (c) copy of e-way bill, (d) consignee copy of Consignment Note, (e) transit insurance certificate, (f) material test reports and material test certificates, (g) inspection release note (if applicable) issued by third party inspection agency, (h) copy of dispatch clearance certificate issued by the Purchaser, (i) warranty certificate, (j) interchangeability certificate, (k) Successful Commissioning and demonstration Certificate (k) Handing over of mandatory spares (l) any other document (as required by the Purchaser).



These documents shall be sent by the Supplier to the Purchaser within one (1) week from the date of dispatch of materials at the following address through courier or speed post or to the address as specified by the Purchaser: ONGC Tripura Power Company Ltd., Udaipur-Kakraban Road, P.O. Palatana, District: Gomati, State: Tripura, India - 799105

The Contract Price shall be paid in Indian Rupees only. Payment shall be made either by cheque/RTGS or in such other manner as the Supplier and the Purchaser may mutually agree in writing. All bank charges shall be to the account of the Supplier. Applicable income tax/withholding tax/TDS shall be deducted while making payment and necessary certificate as per the Applicable Law shall be issued in due course of time.

Payments to be made hereunder are subject to any adjustment/deductions as per the provisions of the Purchase Order. If the Purchaser disputes any item of an invoice, the Purchaser shall make payment for the undisputed portion of such invoice when such payment becomes due under the Purchase Order. The Purchaser shall make the balance payment within 30 (thirty) days after resolution of the dispute in accordance with Clause 17.

#### 8.0 FREIGHT & INSURANCE

The Supplier shall be fully responsible for the transportation of all the materials that may be required under the Purchase Order from place of manufacturing / warehouse to the Site, including for the payment of all transportation and handling costs and expenses. The Supplier shall be solely responsible for any loss of or damage to the materials in handling and/or transportation.

The Suppler shall arrange, secure and maintain a comprehensive cargo and transport insurance policy to protect the materials during transportation of the same to the Site against all risk of loss or damage normally insurable from the time materials are ready for being loaded on to the relevant means of transportation at the manufacturing works / warehouse of the Supplier until arrival at the Site (warehouse to warehouse insurance). The sum insured under such insurance policy must not be less than 110% (one hundred and ten percent) of the full replacement value of the materials transported including freight and insurance charges.

Any replacement/repairs due to damage/loss to the materials during transit shall be carried out by the Supplier at its own cost and expense. Such replacement/repairs shall be undertaken by the Supplier irrespective of the raising of and/or settlement of such insurance claims in this regard. In the event of any damage during transit, raising and settlement of insurance claims (including follow-up with insurance company), shall be the sole responsibility of the Supplier. The insurance claim towards such a damage/loss shall be settled by the Supplier directly with the insurance company and the Supplier shall be beneficiary of the settlement against all such claims. Any deductibles or claims under recovery from the insurance providers shall also be to the account of the Supplier.

The Supplier acknowledges and agrees that the responsibilities for transportation and insurance as set out in this clause is included in the Contract Price.

#### 9.0 WARRANTY

9.1 The Supplier warrants to the Purchaser that the materials supplied under the Purchase Order shall (a) comply with the terms of the Purchase Order, specifications, drawings, standards referred to in the Purchase Order, Good Engineering Practices and applicable laws, (b) be first class in every particular and free from defects and deficiencies in design, engineering, material and workmanship, and (c) be new, merchantable, of the most suitable grade and fit for their intended purpose ("Warranty"). The Supplier shall be liable for any defects in the material supplied by it for a period of twelve (12) calendar months from the date of first installation or eighteen (18) calendar months from the date of receipt of materials at the Site in good condition, whichever is earlier ("Warranty Period").



Without limitations of any other rights or remedies of the Purchaser, if any defects in the materials supplied under the Purchase Order in violation of the foregoing warranties arises within the Warranty Period, the Supplier shall, upon receipt of written notice of such defect, at no cost to the Purchaser, promptly furnish replacement materials or parts thereof necessary to correct such defect or repair/modify the defective materials, so as to meet the specifications.

In the event the Supplier shall have been notified of any defects in the materials in violation of the Supplier's foregoing warranties and it has failed to promptly and adequately correct such defects, the Purchaser shall have the right to correct or to have such defects corrected for the account of the Supplier, and the Supplier shall promptly pay to the Purchaser the costs incurred in correcting such defects. In the event the Supplier replaces the defective materials, then such replaced materials, as the case may be, shall be warranted by the Supplier in accordance with the warranties set forth in this clause for a period of twelve (12) calendar months from the date of first installation or eighteen (18) calendar months from the date of such replacement, whichever is earlier.

#### 10.0 INSPECTION

To ensure the conformance of the materials with the provisions of the Purchase Order, the Supplier shall adopt suitable quality assurance program. The Purchaser or its representative(s) shall have the right to inspect and/or test the materials to check their conformity with the provisions of the Purchase Order. The quality assurance program proposed for adoption by the Supplier, shall be submitted for review and approval of the Purchaser, within fifteen (15) calendar days from the date of the Purchase Order ("Quality Assurance Program").

The Supplier shall give not less than fifteen (15) calendar day's prior notice as to the time and place of any scheduled inspection. The Supplier shall provide at his own cost all facilities including labour, materials, electricity, fuel, water, stores, apparatus, instruments etc. reasonably required by the Purchaser and/or their representative(s) for effectively carrying out such inspection and test of the materials in accordance with the Purchase Order, the approved Quality Assurance Program and applicable codes.

Inspection and acceptance of the materials by the Purchaser and/or their representative(s) shall not limit the liabilities and responsibilities of the Supplier in any manner and shall not prejudice the right of the Purchaser to reject the materials if it is found to be defective during inspection after receipt at the Site. Price for all inspection and tests to be carried out are included in the Contract Price. Nothing in this Clause 10 shall relieve the Supplier from any of its Warranty or other obligations under the Purchase Order.

#### 11.0 LIQUIDATED DAMAGES

The Purchaser and the Supplier agree that, because of the unique nature of the Scope of Supply, it is impracticable or infeasible to determine actual damage and loss that would be incurred by the Purchaser as a result of the Supplier's failure to complete the Scope of Supply within the Time for Completion. It is further understood and agreed by the Supplier and the Purchaser that any sums which would be payable by the Supplier under this Clause 11, are in the nature of liquidated damages, and not a penalty, and are fair and reasonable estimate of damages and loss which the Purchaser would suffer due to such failure of the Supplier.

In case of failure of the Supplier to complete the Scope of Supply within the Time for Completion specified in Clause 4, the Supplier shall pay to the Purchaser liquidated damages as follows: For every one (1) week (or part thereof) delay in completion of the Scope of Supply for reasons not attributable to the Purchaser, the Supplier shall pay to the Purchaser a sum equivalent to half percent (0.5%) of the Contract Price. The total amount of liquidated damages payable by the Supplier on account of delay in completion of the Scope of Supply shall be limited to ten percent (10%) of the Contract Price. If the Supplier has incurred or is liable for liquidated damages in excess of ten percent (10%) of the Contract Price, the Purchaser may consider termination of the Purchase Order which shall be deemed as arising out of the Supplier' default. The applicable GST on the liquidated damages shall be borne by the Supplier. Accordingly, the liquidated damages shall be



recovered from the Supplier along with applicable GST.

Payment or deduction of liquidated damages shall in no way relieve the Supplier from discharging its other obligations under the Purchase Order. For the avoidance of doubt it is clarified, that the Purchaser's right to receive liquidated damages in accordance with this Clause 11 is without prejudice to any other rights the Purchaser may have under applicable law or otherwise in connection with the breach of any other obligations hereunder by the Supplier.

## 12.0 FORCE MAJEURE

Force Majeure is herein defined as any cause which is beyond the control of the Supplier or the Purchaser, as the case may be, which the affected party could not foresee or with a reasonable amount of diligence could not have foreseen, which could not have been prevented or overcome by the affected party through the exercise of reasonable skill or care, which does not arise from the affected party's negligence or negligence of its agents, employees or subcontractors and which substantially affects the performance of the obligations under the Purchase Order ("Force Majeure"), such as: (i) natural phenomena, including but not limited to floods, droughts, earthquakes, pandemics, epidemics, cyclones, lightning, storm, (ii) lawful strike and lawful lockout, at manufacturer's works, (iii) acts of any Government agency, including but not limited to war (whether declared or undeclared), invasion or armed conflict, revolution, riot, civil commotion, priorities, quarantines, embargoes (occurring inside India or directly involving India), (iv) an act of God, provided either party shall within seven (7) days from the date of occurrence of any such cause notify the other party in writing.

Neither party shall be considered to have defaulted in the performance of any of its obligations under the Purchase Order, when and to the extent such failure of performance shall be due to a Force Majeure event. The Supplier shall not be entitled to, and hereby expressly waives recovery of, any damages suffered by reasons of delays of any nature under this Clause 12 and extension of the Time for Completion shall constitute the sole remedy of the Supplier for such delays.

#### 13.0 CONFIDENTIAL INFORMATION

The Supplier shall keep all drawings, documents, data, photographs, technical information, or other information provided by the Purchaser in connection with the Purchase Order ("Confidential Information") private and confidential and shall not, without the consent of the Purchaser publish or divulge to any third party, any Confidential Information or any particulars thereof, whether such Confidential Information has been provided prior to, during or following termination of the Purchase Order.

## 14.0 PATENT RIGHTS AND ROYALTIES

Royalties and fees for patents covering materials, articles, apparatus, devices, equipment or processes used for performing its obligation under the Purchase Order shall be deemed to have been included in the Contract Price. The Supplier shall satisfy all demands that may be made at any time for such royalties and fees and it alone shall be liable for any damages or claims for patent infringements and shall keep the Purchaser indemnified in that regard.

## 15.0 INDEMNIFICATION

The Supplier agrees to defend, indemnify and hold harmless the Purchaser, its affiliates, and all of their directors, officers, employees, agents and representatives, from and against any and all losses arising (i) by reason of the Supplier's actual or asserted failure to comply with any applicable law or any provision of the Purchase Order, (ii) from actual or asserted violation or infringement of rights in any patent, copyright, proprietary information, trade secret or other property right caused or alleged to be caused by the use of materials, equipment, methods, processes, designs or information furnished by the Supplier in performance of its obligations under the Purchase Order, and (iii) from injury to or death of any Person (including employees and workmen of the Purchaser, the Supplier or any third party) or from damage to or loss of property (including the property of the Purchaser or any third party) arising directly or indirectly out of the Purchase Order or out of any acts of omission or commissions of the Supplier or its sub-suppliers.



The Purchaser shall be entitled to retain from payments otherwise due to the Supplier such amounts as shall reasonably be considered necessary to satisfy any claims, suits or liens for damages that fall within the Supplier's indemnity obligations under this Clause 15, until such claims, suits or liens have been settled and satisfactory evidence to that effect has been furnished to the Purchaser.

The Supplier acknowledges that specific payment has been incorporated into the Contract Price as legal consideration for the Supplier's indemnity obligations as provided in the Purchase Order.

## 16.0 LIMITATION OF LIABILITY

Both the Purchaser and the Supplier understand and agree that there shall be absolutely no personal liability on the part of any of the members, shareholders, officers, employees, directors, agents, authorized representatives or affiliates of the Purchaser or the Supplier for the payment of any amounts due hereunder, or performance of any obligations hereunder.

With the exception of those provision of the Purchase Order providing for the payment of liquidated damages plus GST thereon, neither the Supplier nor the Purchaser shall be liable to the other, whether in Contract, tort, or otherwise, as a result of any action or inaction under the Purchase Order or otherwise for any special, indirect, incidental or consequential losses or damages such as but not limited to loss of profit, loss of revenue, loss of opportunity, loss of goodwill, loss of contracts, loss of use, interest costs or cost of capital. It is hereby agreed that this limitation of liability shall not apply in respect of claims for which the Purchaser is indemnified under Clause 15.

The aggregate liability of the Supplier with respect to all claims arising out of or in connection with performance or non-performance of the Purchase Order whether in contract, warranty, tort or otherwise shall not exceed the Contract Price, provided that this limitation shall not apply in case of negligence, willful misconduct or liabilities arising out of indemnity provisions in the Purchase Order.

The provisions of the Purchase Order constitute the Supplier's and the Purchaser's exclusive liability, respectively, to each other, and Supplier's and Purchaser's exclusive remedy, respectively, to each other, with respect to the obligations under the Purchase Order.

## 17.0 SETTLEMENT OF DISPUTES

The Supplier and the Purchaser agree that any dispute or differences arising out of or in connection with the Purchase Order shall be settled by arbitration under and in accordance with the provisions of the Indian Arbitration and Conciliation Act, 1996 (the "Arbitration Act") or any statutory modification, in the manner hereinafter provided. The seat, venue and place of arbitration shall be New Delhi, India.

A party wishing to commence arbitration proceeding shall invoke arbitration by giving 60 days' notice to the other party. The notice invoking arbitration shall specify all the points of disputes with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. Parties agree that neither party may amend or supplement its claim during the course of arbitral proceedings.

In cases of disputes involving an amount below Rs ten (10) lakh the arbitration shall be conducted in accordance with the Arbitration Act by one (1) arbitrator to be nominated by the Supplier and the Purchaser mutually.

In cases of disputes involving an amount Rs ten (10) lakh and above the arbitration shall be conducted in accordance with the Arbitration Act by three (3) arbitrators, one (1) each to be nominated by the Supplier and the Purchaser and third ( $3^{rd}$ ) to be nominated the two (2) arbitrators nominated by the parties at the commencement of the proceedings. The third ( $3^{rd}$ ) arbitrator so appointed shall act as the presiding arbitrator.

Parties agree that neither party shall be entitled for any pre-reference, pendente-lite or future



interest on its claims. Parties agree that any claim for such interest made by any party shall be void. The Arbitrator or the Arbitral Tribunal shall have no right to award pre-reference or pendent-lite interest in the matter.

The Arbitrator(s) shall be paid fees in terms of and in accordance with the Fourth Schedule to the Arbitration Act, as amended at the time of invocation of the arbitration.

During settlement of disputes including arbitration proceedings, both parties shall be obliged to carry out their respective obligations under the Purchase Order.

# 18.0 APPLICABLE LAW

Applicable law means the substantive or procedural laws of India, whether now or hereafter in effect, including all legislations, acts, rules, regulations, notifications, laws, statutes, awards, orders, decrees, judgments, injunctions, ordinances, codes, requirements, Permits, licenses, directives, approvals, instructions, standards of any Government Agency, having the force of law and shall include without limitation, all rules, regulations, decisions and orders of the Appropriate Commission ("Applicable Law"). The Supplier shall comply with all the rules and regulations under the Applicable Law during the performance of the Scope of Supply under the Purchase Order.

In the event of the Supplier committing a default or breach of any of the provisions of the Applicable Law, or in furnishing any information or submitting or filling any form, register/slip under the provisions of such Applicable Law, the Purchaser shall be at liberty to take recourse to any action it may deem fit, under the circumstances, to protect its own interest. Further, all amounts as may become due for payment to the concerned authorities/agencies on account of such defaults or breach shall be settled by the Purchaser after recovering the same from the Supplier. The Purchaser shall be entitled to deduct such amounts from the Contract Price payable to the Supplier under the Purchase Order.

#### 19.0 GOVERNING LAW AND JURISDICTION

The Entire Agreement shall be governed by the laws of India. The courts of New Delhi shall have jurisdiction in all matters arising under the Entire Agreement including execution of arbitration awards.

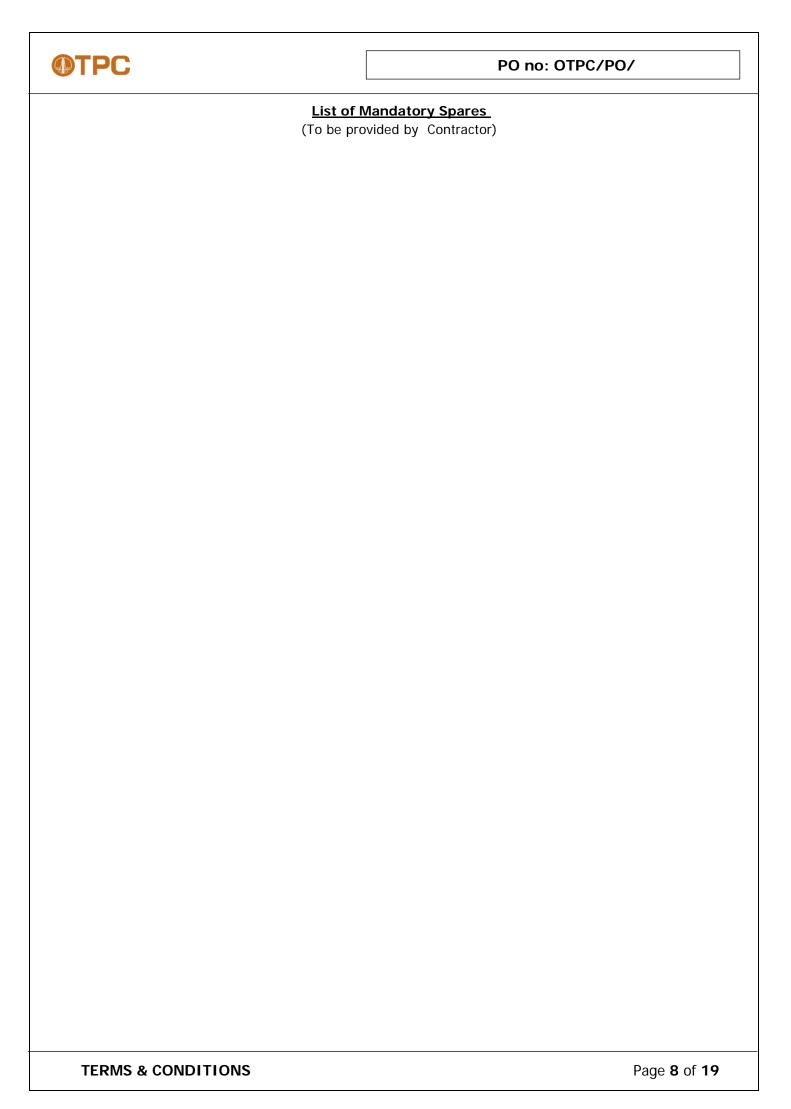
#### 20.0 WAIVER

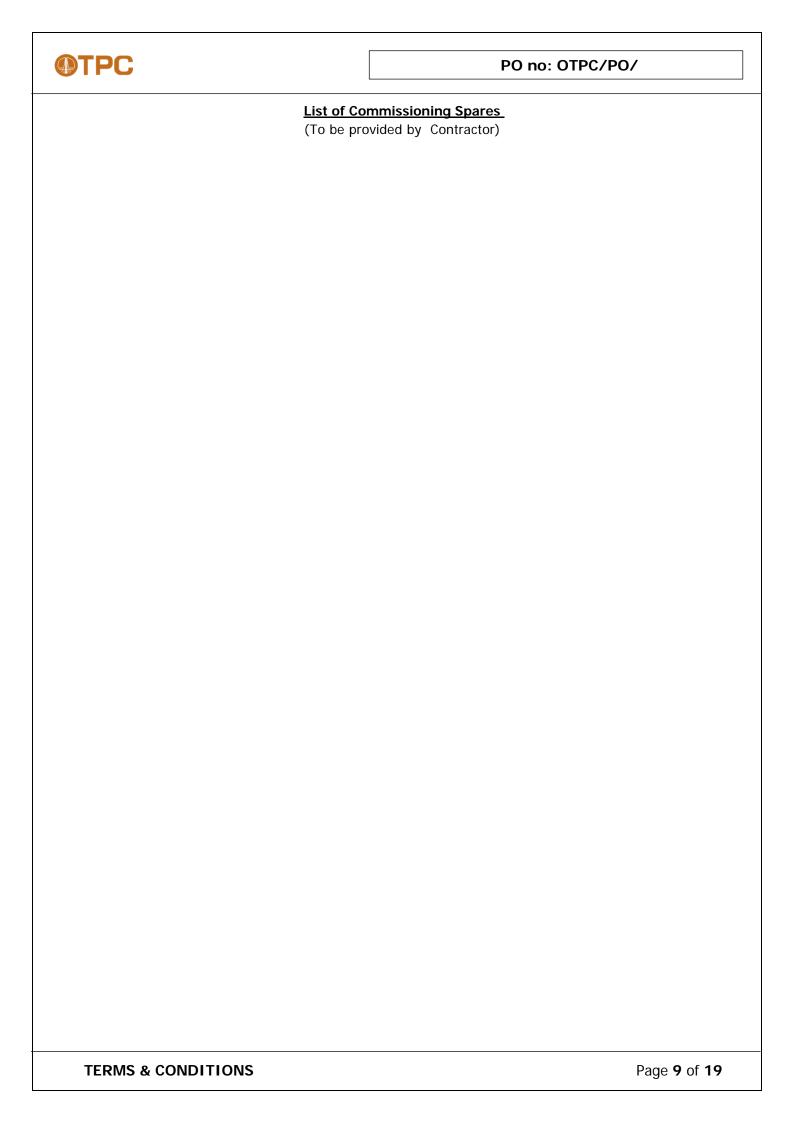
The failure of either party to enforce at any time any of the provisions of the Purchase Order or any rights in respect thereto or to exercise any option therein provided, shall in no way be construed to be a waiver of such provisions, rights or options or in any way to affect the validity of the Purchase Order. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have hereunder.

## 21.0 ENTIRE AGREEMENT

The Purchase Order, the terms and conditions thereto and all annexures and appendices thereto ("Entire Agreement") constitute the entire understanding between parties hereto with respect to the subject matter hereof and supersedes all communications, negotiations and agreement (whether written or oral) of the parties with respect hereto made prior to the date of the Purchase Order. No modifications of the Purchase Order shall be valid unless the same is agreed in writing between the parties hereto and issued as an amendment in writing to the Purchase Order.

Please acknowledge receipt and send one copy of this 'Purchase Order' duly signed and stamped as a token of your unconditional and unequivocal acceptance.







Annexure-1

# **CONTRACT PRICE**

SI. No.	Description	PRICE IN FIGURES (INR)	PRICE IN WORDS (INR)
IA	Price for design, engineering, procurement, manufacturing, testing, inspection, packing, forwarding, insurance, <b>Supply, transportation upto Palatana site</b> for 1 (One) No. SELF – PROPELLED DIESEL OPERATED ARTICULATED BOOM LIFT (MAN LIFTER) (boom length shall be 18 meter) along with necessary accessories in full compliance to the technical specification at 2x363.3 MW Gas Based Combined Cycle Power Plant at Palatana, Tripura as defined in Bidding Document.		
IB	All applicable taxes, duties and levies on IA above.		
IC	Price for unloading & storage at site, assembly of parts at site (if required), other services required for successful commissioning, demonstration (at site), along with commissioning spares, mandatory spares, maintenance tools & tackles, consumables etc. for 1 (One) No. SELF – PROPELLED DIESEL OPERATED ARTICULATED BOOM LIFT (MAN LIFTER) referred above along with necessary accessories in full compliance to the technical specification at 2x363.3 MW Gas Based Combined Cycle Power Plant at Palatana, Tripura as defined in Bidding Document.		
ID	All applicable taxes, duties and levies on IC above.		
IE	TOTAL "CONTRACT PRICE" including Taxes (IN WORDS) INR (IA + IB+IC+ID)		
	TOTAL "CONTRACT PRICE" including Taxes (IN FIGURES) INR (IA + IB +IC+ID)		



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Annexure-2

# **TECHNICAL SPECIFICATIONS**

(To be attached)

**TERMS & CONDITIONS** 



# **TECHNICAL DATASHEET FOR BOOM LIFT (Manlifter)**

SI.No	Description	Specification
	Model Offered	
1.	Length (A)	
2.	Width (B)	
3.	Height –Stowed(C)	
4.	Wheelbase ( D)	
5.	Ground Clearance (E)	
6.	Platform Width (F)	
7.	Platform Length (G)	
8.	Working Height (Max)*	
9.	Platform Height (Max)	
10.	Horizontal Reach (Max)**	
11.	Up & Over Clearance	
12.	Lift Capacity	
13.	Transport Length	
14.	Transport Height	
15.	Vertical Jib rotation (min)	
16.	Platform rotation (min)	
17.	Turntable rotation (min)	
18.	Turntable Swing	
19.	Tilt	
20.	Turning radius outside (max)	
21.	Drive speed	
22.	Tyre	
23.	Power Source	
24.	Drive	
25.	Steering	
26.	Platform	
27.	Movement Capabilities	
28.	Operation /Control	
29.	Max. Wind speed for stable operation	
30.	Articulated boom Double riser.	
31.	Power Source	
32.	Auxiliary power unit/ Back up supply	
33.	Battery Charger	
34.	Additional power to platform	
35.	Led Focus Light to be provided to assist at night.	



36.	Head Light to be provided in both
	front and rear.

# a) **EQUIPMENT STANDARD COMPLIANCE**

SI.No	Specification	YES / NO	
1	ANSI A 92.5		
2	CSA B354.4		
3	CE Compliance		
4	AS 1418.10		

# b) ACCESSORIES

SI.No	Description	YES / NO
1	Hourmeter & Horn	
2	Auxiliary power in platform to descend in emergency	
3	5 deg tilt alarm	
4	Travel Alarm and lock out mechanism/ Function cut –off	
5	Load Indicator	
6	Over load alarm and lock out mechanism/ Function cut -off	
7	Slewing Block pin	
8	Load limiter in the Platform	
9	Hydraulic system capacity	
10	Turntable Movement	
11	Outreach Control	
12	Platform gate	
13	Ground Control Console on Turn table	
14	Status Light Panel at Platform control console	
15	LED Focus Light	



Annexure-4

## FORMAT FOR PERFORMANCE BANK GURANTEE

(To be stamped in accordance with Stamp Act)

Bank Guarantee No.

Date

To,
ONGC Tripura Power Company Limited,
10th Floor, Core 4 and Central,
SCOPE Minar, Laxmi Nagar
Delhi - 110092
Ph: +91-11-22404700

Fax:+91-11-22017731

Dear Sirs,

At the request and for the account of our client (hereinafter referred to as the "Contractor", which expr	
meaning thereof, include its successors and assigns), and Ltd having its registered office at Udaipur-Kakraban Roa	
(India) and one of its offices at 10 <sup>th</sup> Floor, Core 4 and (	
(India) (hereinafter referred to as the "Owner", which exp	pression shall, unless inconsistent with the context or
meaning thereof, include its successors and	
under reference no Contractor (as amended, supplemented or modified from	
hereinafter referred to as the "Contract") and the	
performance guarantee to the Owner for the full and fa	
and other obligations under the Contract in an amount ease such, amount may change pursuant to terms of	
Amount"),	The contract, northwarter riggingate maximum
Amount ),	
·	(hereinafter
we,, having our head office at referred to as the "Bank", which expression shall, unles	s inconsistent with the context or meaning thereof,
we,, having our head office at referred to as the "Bank", which expression shall, unles include its successors and assigns) do hereby irrevocably	s inconsistent with the context or meaning thereof, and unconditionally guarantee and undertake to pay
we,, having our head office at referred to as the "Bank", which expression shall, unles include its successors and assigns) do hereby irrevocably to the Owner, immediately on receipt of written demand,	s inconsistent with the context or meaning thereof, and unconditionally guarantee and undertake to pay any and all monies which the Owner certifies that it
we,, having our head office at referred to as the "Bank", which expression shall, unles include its successors and assigns) do hereby irrevocably	s inconsistent with the context or meaning thereof, and unconditionally guarantee and undertake to pay any and all monies which the Owner certifies that it nd conditions of the Contract to the extent of the
we,, having our head office at referred to as the "Bank", which expression shall, unles include its successors and assigns) do hereby irrevocably to the Owner, immediately on receipt of written demand, is entitled to draw hereunder pursuant to the terms at Aggregate Maximum Amount for the claim (s) arising u demur, reservation, contest, recourse or protest and w	s inconsistent with the context or meaning thereof, and unconditionally guarantee and undertake to pay any and all monies which the Owner certifies that it not conditions of the Contract to the extent of the p to the End Date (as defined below) without any without any reference to the Contractor. Any such
we,, having our head office at referred to as the "Bank", which expression shall, unles include its successors and assigns) do hereby irrevocably to the Owner, immediately on receipt of written demand, is entitled to draw hereunder pursuant to the terms ar Aggregate Maximum Amount for the claim (s) arising u demur, reservation, contest, recourse or protest and w demand made by the Owner on the Bank under this G	s inconsistent with the context or meaning thereof, and unconditionally guarantee and undertake to pay any and all monies which the Owner certifies that it not conditions of the Contract to the extent of the p to the End Date (as defined below) without any without any reference to the Contractor. Any such the uncontractor is shall be (a) conclusive evidence that the
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Multiple drawings may be made under this Guarantee. The Aggregate Maximum Amount under this Guarantee shall be automatically reduced by the amount paid to the Owner against demands for payment under this Guarantee.

This Guarantee may be amended to extend the then - current End Date upon the written request of the Contractor, but this Guarantee shall not otherwise be amended, and the Aggregate Maximum Amount shall not be reduced without the prior written consent of the Owner.

The Owner shall have the fullest liberty, without affecting in any way the liability of the Bank under this Guarantee, from time to time to extend the time for performance of the Contract by the Contractor. The Owner shall have the fullest liberty, without affecting the liability of the Bank under this Guarantee, to postpone from time to time the exercise of any powers vested in the Owner or of any right which the Owner might have against the Contractor, to exercise the same at any time in any manner, and either to enforce or



to forbear to enforce any covenants in the Contract or any other course or remedy or security available to the Owner. The Bank shall not be released of its obligations under this Guarantee by any exercise by the Owner of its liberty with reference to the matters aforesaid or any of them or by reason of any other act of forbearance or other acts of omission or commission on the part of the Owner or any other indulgence shown by the Owner or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank from such obligations.

The Bank also agrees that the Owner, at its option, shall be entitled to enforce this Guarantee against the Bank as a principal debtor in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Owner may have in relation to the Contractor's liabilities.

The Bank's liability under this Guarantee is limited to the Aggregate Maximum Amount and it shall remain in force up to and including \_\_\_\_\_, 202\_ (such date as may be extended, the "**End Date**"). The End Date

Contractor on whose behalf this Guarantee has been writing by registered mail not less than 30 (thirty) Guarantee if for any reason this Guarantee will expand the validity of this Guarantee has not been extended and the expire on the End Date whether returned to us	d as may be desired by the Owner and accepted by the n issued. The Bank hereby agrees to notify the Owner in days prior to any expiration or other cancellation of this pire according to its terms or will otherwise be cancelled ended beyond the then current End Date. This Guarantee or not, but, Owner may raise a claim occurred on or prior and Date of this Guarantee and Bank will honour such
Dated this day of, 20 at	
WITNESS	
(Signature)	(Signature)
(Name)	(Name)
(Official Address)	(Designation with Bank stamp)
	Attorney as per Power of Attorney No. Dated

Note: Currency of this Bank Guarantee shall be INR (Indian Rupees). This Bank guarantee shall be provided under a cover letter from the bank which is duly signed by 2 (two) authorized officers of such bank.



Annexure-5

# LIST OF ACCEPTABLE BANKS

# Foreign banks

SI. No.	Name of Bank
1.	Citigroup, USA
2.	HSBC Holdings, United Kingdom
3.	Standard Chartered

# Indian banks

SI.No	Name of Indian Banks
1.	Allahabad Bank
2.	Bank of Baroda
3.	Bank of India
4.	Canara Bank
5.	Indian Bank
6.	Oriental Bank of Commerce
7.	Punjab National Bank
8.	State Bank of India
9.	Axis Bank
10.	ICICI Bank
11.	Indusind Bank
12.	HDFC Bank



Annexure-6

#### **SAFETY CODE**

- Suitable scaffolds shall be provided for workmen for all work that cannot be safely done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra labour shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and hand-holds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal and 1 vertical).
- Scaffolding or staging more than 3.25 (three decimal two five) meters above the ground or floor, swing or suspended from an overhead support or erected with stationary support, shall have a guard rail properly attached, bolted, braced and otherwise secured at least 1 (one) meter high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
- 3.0 Working platforms, gangways, and stairways shall be so constructed that they do not sag unduly or unequally and, if the height of a platform or gangway or stairway is more than 3.25 (three decimal two five) meters above ground level or floor level, it shall be closely boarded, have adequate width and be suitably fenced, as described in para 2 above.
- 4.0 Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent fall of Persons or materials by providing suitable fencing or railing with a minimum height of 1 (one) meter.
- Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 (nine) meters in length. Width between side rails in a rung ladder shall in no case be less than 30 (thirty) cm for ladders up to and including 3 (three) meters in length. For longer ladders this width shall be increased at least 6 (six) mm. for each additional 30 (thirty) cm. of length. Uniform step spacing shall not exceed 30 (thirty) cm.
- Adequate precautions shall be taken to prevent danger from electrical equipment. No material on any of the locations at the Plant shall be so stacked or placed as to cause danger or inconvenience to any Person or the public. The Contractor shall provide all necessary fencing and lights to protect public from accidents and shall be bound to bear expenses of defense of every suit action or other proceedings at law that may be brought by any Person for injury sustained owing to neglect of the above precautions and to pay any damage and cost which may be awarded in any such suit, action or proceeding to any such Person or which may, with the consent of the Owner, be paid to compromise any claim by any such Person.
- 7.0 **Excavation and Trenching:** All trenches, 1.5 (one decimal five) meters or more in depth, shall at all times be supplied with at least 1 (one) ladder for each 20 (twenty) meter length or fraction thereof. The ladder shall be extended from bottom of trench to at least 1 (one) meter above surface of the ground. Sides of a trench which is 1.5 (one decimal five) meters or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. Excavated material shall not be placed within 1.5 (one decimal five) meters of edge of trench or half of depth of trench, whichever is more. Cutting shall be done from top to bottom. Under no circumstances shall undermining or undercutting be done.
- 8.0 **Demolition:** Before any demolition work is commenced and also during the process of the work ·-
- 8.1 All roads and open areas adjacent to the work Site shall either be closed or suitably protected.



- 8.2 No electric cable or apparatus which is liable to be a source of danger or a cable or apparatus used by operator shall remain electrically charged.
- 8.3 All practical steps shall be taken to prevent danger to Persons employed, from risk or fire or explosion, or collapse, or flooding. No floor, roof, or other part of a building shall be so overloaded with debris or materials as to render it unsafe.
- 9.0 All necessary personal safety gear/equipment, as considered adequate by the Owner, shall be made available by Contractor for use of Persons employed on the Site and maintained in a condition suitable for immediate use; and the Contractor shall take adequate steps to ensure proper use of equipment by those concerned. Such safety gear/equipment shall include, but not be limited to as under:-
- 9.1 Workers employed on mixing asphaltic materials, cement and lime mortars/concrete shall be provided with protective footwear and protective goggles.
- 9.2 Those engaged in handling any material which is injurious to eyes shall be provided with protective goggles.
- 9.3 Those engaged in welding works shall be provided with welder's protective eye-shields.
- 9.4 Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
- When workers are employed in sewers and manholes, which are in use, the Contractor shall ensure that manhole covers are opened and manholes are ventilated at least for an hour before workers are allowed to get into them. Manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to public.
- 11.0 The Contractor shall not employ men below the age of 18 (eighteen) and women on the work of painting with products containing lead in any form. Whenever men above the age of 18 (eighteen) are employed on the work of lead painting, the following precautions shall be taken:
- 11.1 No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
- Suitable face masks shall be supplied for use by workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
- Overalls shall be supplied by the Contractor to workmen and adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
- When work is done near any place where there is risk of drowning, all necessary equipment shall be provided and kept ready for use and all necessary steps taken for prompt rescue of any Person in danger and adequate provision made for prompt first aid treatment for all injuries likely to be sustained during the course of the work.
- Use of hoisting machines and tackle including their attachments, anchorages and supports shall conform to the following:-
- These shall be of good mechanical construction, sound material and adequate strength and free from patent defects and shall be kept in good working order and properly maintained.
- Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.



- 14.0 Every crane driver or hoisting appliance operator shall be properly qualified and no Person under the age of 21 (twenty one) years shall be in charge of any hoisting machine including any scaffold or give signals to operator.
- In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or lowering or as means of suspension, safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with safe working load in English as well in the vernacular language of the area. In case of a hoisting machine a variable safe working load, each safe working load and the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to above in the paragraph shall be loaded beyond safe working load except for the purpose of testing.
- In case of machine provided by the Owner, safe working load shall be notified by the Owner. As regards Contractor's machines the Contractor shall notify safe working load of each machine to the Owner whenever it brings such machines to Site of work and get the same verified by the Owner.
- Motors gearing, transmission, electric wiring and other dangerous parts of hoisting appliance shall be provided with efficient safeguards. Hoisting appliances shall be provided with such means as will reduce to the minimum, the risk of accidental descent of load. Adequate precautions shall be taken to reduce to the minimum, the risk of accidental descent of load. Adequate precautions shall be taken to reduce to the minimum, the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, working apparel such as gloves, sleeves and boots, as may be necessary, shall be provided. Workers shall not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
- All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in a safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near places of work.
- These safety provisions shall be brought to the notice of all concerned by display, in English, Hindi as well as in the vernacular language of the area, on a notice board at a prominent place at the work spot. Persons responsible for ensuring compliance with the Safety Code shall be named therein by the Contractor.
- 20.0 To ensure effective enforcement of the rules and regulations relating to safety precautions, arrangements made by the Contractor shall be open to inspection by the Owner and the Inspecting Officers as defined in the Contractor's Labour Regulation.
- 21.0 No toxic materials or any other chemicals, which in the opinion of the Owner are harmful to human subsistence or local vegetation, shall be used in the Plant without specific permission for their use by the Owner.
- 22.0 Notwithstanding the above conditions 1 to 21, the Contractor is not exempted from the operation of any other Act or Rule in force.