



Punjab Alkalies & Chemicals Limited

SCO.NO:125-127, SECTOR 17-B, CHANDIGARH – 160 017 (INDIA)

Phone : +91-172- 4072533, Fax : +91 -172-2704797

CIN : L24119CH1975PLC003607 Website : www.punjabalkalies.com

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PRESS TENDER DTD.03/01/2019

LAST DATE: 10/01/2019

Sealed offers are invited from reputed manufacturers for supply of following items:

S.No.	Item Code / Description Of Material Item Spec.	Quantity Unit
1	<p>PL-029-52000 Cooling Tower For Rectifier FAN DIAMETER : 3.658 METER OR 144 ". NO. OF BLADES : NINE. STATIC HEAD : 5.1816 mmWC. RECOMMENDED MOTOR : 18.5 KW. FAN SPEED : 266 RPM. TYPE : INDUCED DRAFT CROSS FLOW. NO. OF CELL : ONE. DESIGN CAPACITY : 500 M3/HR. CAPACITY PER CELL : 500 M3/HR. INLET TEMP. : 41 DEGREE CENTIGRADE. OUT LET TEMP. : 33 DEGREE CENTIGRADE. DESIGN WET BULB TEMP : 26.5 DEGREE CENTIGRADE. MAX. DRY BULB TEMP : 46 DEGREE CENTIGRADE. DESIGN WIND SPEED : 113 KMPH. MOC : 1. FRAME WORK : ASCU TREATED HIMALYAN PINE WOOD OR EQUIVALENT. 2. CASING & LOUVERS : FRP. 3. FILL : FRP. 4. DRIFT ELIMINATORS : PVC. 5. FAN CYLINDER : FIBRE GLASS. 6. FAN BLADES : FRP. 7. DRIVE SHAFT : HDG STEEL. 8. FAN GUARD : HDG STEEL. 9. FAN HUB : EPOXY COATED CI. 10. ALL FASTNERS : SS-304. 11. NAILS : STAINLESS STEEL. SCOPE OF SUPPLY : THE SCOPE OF SUPPLY SHALL COVER THE DESIGN , ENGINEERING , SUPPLY , ERECTION AND COMMISSIONING OF COMPLETE COOINIG TOWER AND ITS ACCESSORIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING. (1) STRUCTURAL FRAME WORK, CASING , LOUVERS , TOWER INTERNALS. (2) CORRUGATED ACB DISTRIBUTION BASIN COVER. (3) PLATFORMS , WALKWAYS , STAIRCASE , PERIMETER HAND RAILS AND KNEERAILS AND NECESSARY DOORS TO ACCESS TO INSIDE OF COOLING TOWER. (4) COMPLETE FAN ASSEMBLY , VIBRATION SWITCHES FOR FANS , FAN GUARD. (5) COMPLETE TRANSMISSION INCLUDING GERAS , INPUT AND OUTPUT SHAFTS , COUPLING , BASE PLATE , OIL LEVEL INDICATOR AND SWITCH , OIL FILLING ARRANGEMENT , BREATHING VALVE FOR GEAR BOX , SAFETY GUARD FOR DRIVE SHAFT. (6) COMPLETE HOT WATER DISTRIBUTING PIPING, FLOW CONTROL VALVES. (7) INITIAL FILL OF OILS , LUBRICANTS , GREASES ETC SHALL BE IN THE SCOPE OF PARTY. (8) ANY OTHER EQUIPMENT OR ACCESSORIES NOT INDICATED IN THE DATA SHEET BUT NECESSARY AS ENVISAGED BY VENDOR TO COMPLETE THE COOLING TOWER IN ALL RESPECT FOR SAFE , SATISFACTORY AND UNINTRUPTED OPERATION.</p>	1.000 NO



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- 2 PL-029-50000 Cooling Tower For CCU 1.000 NO
- FAN DIAMETER : 3.048 METER OR 120".
NO. OF BLADES : NINE.
STATIC HEAD : 7.3 mmWC.
RECOMMENDED MOTOR : 18.5 KW.
FAN SPEED : 320 RPM.
TYPE : INDUCED DRAFT CROSS FLOW.
NO. OF CELL : ONE.
DESIGN CAPACITY : 400 M3/HR.
CAPACITY PER CELL : 400 M3/HR.
INLET TEMP : 41 DEGREE CENTIGRADE.
OUTLET TEMP : 33 DEGREE CENTIGRADE.
DESIGN WET BULB TEMP : 26.5 DEGREE CENTIGRADE.
MAX. DRY BULB TEMP : 46 DEGREE CENTIGRADE.
DESIGN WIND SPEED : 113 KMPH.
MOC : 1. FRAME WORK : ASCU TREATED HIMALYAN PINE WOOD OR EQUIVALENT.
2. CASING & LOUVERS : FRP.
3. FILL : FRP.
4. DRIFT ELIMINATOR : PVC.
5. FAN CYLINDER : FIBRE GLASS.
6. FAN BLADES : FRP.
7. DRIVE SHAFT : HDG STEEL 8. FAN GUARD : HDG STEEL.
9. FAN HUB : EPOXY COATED CI. 10. ALL FASTNERS : SS -304.
11. NAILS : STAINLESS STEEL.
- SCOPE OF SUPPLY : THE SCOPE OF SUPPLY SHALL COVER THE DESIGN ,
ENGINEERING, SUPPLY , ERECTION AND COMMISSIONING OF COMPLETE COOLING TOWER
AND ITS ACCESSORIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING.
- (1) STRUCTURAL FRAME WORK , CASING, LOUVERS , TOWER INTERNALS.
(2) CORRUGATED ACB DISRIBUTION BASIN COVER.
(3) PLATFORMS , WALKWAYS , STAIRCASE , PERIMETER HAND RAILS AND
KNEERAILS AND NECESSARY DOORS TO ACCESS TO INSIDE OF COOLING TOWER.
(4) COMPLETE FAN ASSEMBLY , VIBRATION SWITCHES FOR FAN , FAN GUARD.
(5) COMPLETE TRANSMISSION INCLUDING GEARS, INPUT AND OUTPUT SHAFTS ,
COUPLING , BASE FARME , OIL LEVEL INDICATOR AND SWITCH, OIL FILLING
ARRANGEMENT, BREATHING VALVE FOR GEAR BOX, SAFETY GUARD FOR DRIVE
SHAFT.
(6) COMPLETE HOT WATER DISTRIBUTION PIPING , FLOW CONTROL VALVES.
(7) INITIAL FILL OF OILS , LURICANTS , GRAESES ETC SHALL BE IN THE
SCOPE OF PARTY.
(8) ANY OTHER EQUIPMENT OR ACCESSORIES NOT INDICATED IN THE DATA
SHEET BUT
NECESSARY AS ENVISAGED BY VENDOR TO COMPLETE THE COOLING TOWER IN ALL
RESPECT FOR SAFE , SATISFACTORY AND UNINTRUPTED OPERATION.

Kindly send your Price Bid in sealed envelope only & Technical specifications by mail
(jpsingh@punjabalkalies.com) on or before 10/01/2019

Kindly refer our Tender Annexure & send your offers accordingly.



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