



PRAGATI POWER CORPORATION LIMITED
PRAGATI-III COMBINED CYCLE POWER PROJECT
1500 MW (Nominal)

TECHNICAL SPECIFICATION
FOR SPARES FOR
AIR CONDITIONING SYSTEM

**SPECIFICATION NO.: - PE-TS-314-553-A002, REV. - 1,
MAY - 2017.**



BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR
PROJECT ENGINEERING MANAGEMENT
NOIDA, INDIA


VIVEK KUMAR


SA Khan


Praveen Kishore



TITLE

SPARES FOR
AIR CONDITIONING SYSTEM

SPECIFICATION NO. PE-TS-314-553-A002

VOLUME

SECTION

REV 01

DATE 23.05.2017

SHEET 1 OF 2

VOLUME – II B

TITLE.

No.of Sheets.

SPECIFIC TECHNICAL
REQUIREMENT

2

PRICE SCHEDULE

1

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Sl. No.	Catalog	Description	Quantity
01	1756-L61	LOGIX5561 PROCESSORWITH 2MBYTE MEMORY	02
02	1756-A7	7 SLOT CONTROLLOGIX CHASSIS	02
03	1756-CN2R	CONTROLNET 2X CAPACITY BRIDGE MOD REDUNDANT	04
04	1756-EN2T	CONTROLLOGIX HIGH CAPACITY ETHERNET/IP MODULE - 1P	04
05	1756-PB72	18 - 32 VDC POWERSUPPLY (5V @10 AMP)	02
06	1756-RM	CONTROLLOGIX REDUNDANCY MODULE	02
07	1756-RMC1	1756 RM MODULE FIBER CABLE - 1 METER, 3.28FT	01
08	1786TIPS	CONTROLNETT-TAP/STRAIGHT	14 20
09	1786-XT	CONTROLNET END TERMINATOR	04
10	1794ACHR15	REDUNDANT MEDIA ADAPTER FOR CONTROLNET	06
11	1794IB32	24V DC SINK INPUTMODULE, 32 POINT	17
12	1794OB32P	24V DC SOURCE OUTPUTMODULE (PROTECTED), 32 POINT	16
13	1794-IE12	FLEX ANALOG, 16BIT, 12 IN	05
14	1794-OE12	FLEX ANALOG, 16BIT, 12 OUT	02
15	1794-IRT8	RTD INPUT MODULE, 8POINT	03
16	1794-TB32	TERMINAL BASE, SCREW FOR 32CH	33
17	1794-TB3G	TERMINAL BASE 3-WIRE SCREW GRD	10

ROCKWELL SOFTWARES

Sl. No.	Catalog	Description	Quantity
01	9324RLD300ENE	RSLOGIX 5000 STANDARD, ENG	01
02	9701VWSTENE	FT STUDIO FOR FT VIEW ENTERPRISE	01
03	9701VWSB02SAENE	FT VIEW SE STATION 25 DISPLAY	02
04	9301OPCSRVE	KEPSERVER ENTERPRISE	01

COMPUTER & OTHER ACCESSORIES

Sl. No.	Description	Make	Quantity
01	CPU CONTAINING PENTIUM PROCESSORS, 1GB RAM, 160GB HARDDISK WITH WINDOWS XP OPERATING SYSTEM AND ANTIVIRUS WITH KEYBOARD & MOUSE	HP / IBM	02
02	22" TFT MONITOR	SAMSUNG / HP / LG	02
03	A3 COLOUR INKJET PRINTER	HP	01
04	8-PORT ETHERNET SWITCH	ROCKWELL	02
05	UPS, 230 VAC, 500 VA WITH 30 MIN BACKUP	APC / EMERSON	02

Vivek Kumar
VIVEK KUMAR SA Khan Praveen Kishore

REVISED		21/12/09	CLIENT		ABB - MCBS	TITLE		BILL OF MATERIAL	
02	REVISED	24/11/09	ENDUSER	PRAGATI POWER CORPORATION LIMITED	R-A		RA HARDWARE & BROUGHTOUTS		SCALE
01	ORIGINAL ISSUE	10/11/09	PROJECT	PRAGATI - III COMBINED CYCLE POWER PROJECT	DRG. NO.		RAIPL/ABB/PPCL-III/RA/B01		NTS
00	REVISIONS		PACKAGE	1500MW (NOMINAL) AT BAWANA, DELHI	DOC. NO.		PE-V0-314-553-A704B		SHT
			SIGN.		PROJECT ID		M88608600		02 OF 02
			DATE		DRAWN		ON: 10/11/09 BY: S.K.		ACAD FILE NO.
					CHECKED		ON: 10/11/09 BY: T.BAWAL		004_RA_BOM-02

Rockwell Automation
Global Manufacturing Solutions

AIR CONDITIONING SYSTEM FOR PRAGATI CCPS (2X750 MW) - SUGGESTIVE PRICE FORMAT Rev.01

Clause No.	DESCRIPTION	Qty.	Unit	SUPPLY						TOTAL
				Unit Price (Rs)	Total ex-works price (Rs)	ED (Inc CESS) (Rs)	CST / VAT (Rs)	Freight (Including service tax, if applicable) (Rs)	TOTAL FOR site price SUPPLY (Rs)	
1.0	Total lumpsum firm prices for equipment as specified, Comprising Engineering, design, manufacture, inspection & Testing at manufacturer's/subvendor's works, duly packed for transportation, delivery to site, unloading for Air Conditioning system as per specification PE-TS-314-554-A002 Rev. 01 including all taxes, duties etc.									
2.0	Break up prices for items covered in clause 1.0 above. In case, price indicated above does not match with item wise break-up given at 2.0, the highest price so calculated shall be considered for evaluation but in case of order, the same shall be placed at the lowest price.									
	AIR CONDITIONING SYSTEM									
2.1	Total lumpsum price for Mandatory Spare inclusive of packing forwarding, transportation up to site, etc.									
2.1.1	Power supply - 18-32 VDC as per sr. no. 05 of page no. 1 of 3 of specification	4	Nos							
2.1.2	Monitor 22" TFT as per sr. no. 02 of page no. 2 of 3 of specification	1	Nos							
2.1.3	Printer as per sr. no. 03 of page no. 2 of 3 of specification	1	Nos							
2.1.4	Power supply for computer (SMPS 110/230v 10A 50Hz)	4	Nos							
2.1.5	Hard disk as per sr. no. 01 of page no. 2 of 3 of specification	2	Nos							
2.1.6	Key board as per sr. no. 01 of page no. 2 of 3 of specification	2	Nos							
2.1.7	Digital input Cards (Nos.) as per sr. no. 11 of page no. 1 of 3 of specification	2	Nos							
2.1.8	Digital Output Cards (Nos.) as per sr. no. 12 of page no. 1 of 3 of specification	2	Nos							
2.1.9	Analog Input Cards (Nos.) as per sr. no. 13 of page no. 1 of 3 of specification	2	Nos							
2.1.10	Analog Output Cards (Nos.) as per sr. no. 14 of page no. 1 of 3 of specification	2	Nos							

Note:

- 1 Bidder must submit prices in the Pro Forma duly filled in signed and stamped on every page without any ambiguity. The price shall be written against each item. Term such as "refer covering letter" etc. are not acceptable. Extra sheet may be attached if the space provided is
- 2 Price format shall not be changed by the bidder




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