

# **TENDER SPECIFICATION**

**NO. BHE/PW/PUR/BELAT-STG/708**

**FOR**

RECEIPT OF MATERIALS FROM BHEL / CUSTOMER STORES / STORAGE YARD, HANDLING AT STORES/STORAGE YARD, SITE OF WORK, TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, ASSISTANCES FOR COMMISSIONING & TRIAL OPERATION, FINAL PAINTING AND HANDING OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER, UNLOADING, HANDLING, LIFTING & PLACEMENT ON FOUNDATION), CONDENSER WITH R.E. JOINTS & BUTTERFLY VALVES, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING INCLUDING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES ETC. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE CENTRAL LUBE OIL SYSTEM, MISC. PUMPS, COLTS, PLATE HEAT EXCHANGER, MISC. HOISTS & CHAIN PULLEY BLOCKS, SELF-CLEANING STRAINERS ETC. **OF 1X270 MW THERMAL POWER PLANT**

**AT**

**1X270 MW THERMAL POWER PLANT, BELA  
IDEAL ENERGY PROJECTS LIMITED  
DISTT- NAGPUR - MAHARASTRA**

**PART II**

**(PRICE BID SPECIFICATION)**



**BHARAT HEAVY ELECTRICALS LIMITED**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
POWER SECTOR : WESTERN REGION  
345-KINGSWAY, NAGPUR – 440 001

**BHARAT HEAVY ELECTRICALS LIMITED**

(A GOVERNMENT OF INDIA UNDERTAKING)

POWER SECTOR - WESTERN REGION

SHREEMOHINI COMPLEX

345-KINGSWAY, NAGPUR 440 001

**TENDER SPECIFICATION DOCUMENT ISSUE DETAILS**

**TENDER SPECIFICATION No. BHE / PW / PUR / BELAT-STG/708**

**JOB:** RECEIPT OF MATERIALS FROM BHEL / CUSTOMER STORES / STORAGE YARD, HANDLING AT STORES/STORAGE YARD, SITE OF WORK, TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, ASSISTANCES FOR COMMISSIONING & TRIAL OPERATION, FINAL PAINTING AND HANDING OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER, UNLOADING, HANDLING, LIFTING & PLACEMENT ON FOUNDATION), CONDENSER WITH R.E. JOINTS & BUTTERFLY VALVES, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES ETC. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE CENTRAL LUBE OIL SYSTEM, MISC. PUMPS, COLTS, PLATE HEAT EXCHANGER, MISC. HOISTS & CHAIN PULLEY BLOCKS, SELF-CLEANING STRAINERS ETC. **OF** 1X270 MW THERMAL POWER PLANT

**AT**

**1X270 MW THERMAL POWER PLANT, BELA**

**IDEAL ENERGY PROJECTS LIMITED**

**DISTT- NAGPUR - MAHARASTRA**

EARNEST MONEY DEPOSIT: Please see Special Conditions of Contract.

LAST DATE FOR

TENDER SUBMISSION: Please see Notice Inviting Tender

THESE TENDER SPECIFICATION DOCUMENTS CONTAINING **PART-I** AND **PART- II** ARE ISSUED TO:

M/s. ....

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(TENDER DOCUMENTS ARE NOT TRANSFERABLE)

For Bharat Heavy Electricals Limited

Sr DGM (Purchase)

Place: Nagpur

Date:

**BHEL-PSWR-NAGPUR**  
**TENDER SPECIFICATION No. BHE/PW/PUR/BELAT-STG/708 (PART-II PRICE BID)**  
**SCHEDULE OF RATES & QUANTITIES** (Page 1 of 1)

SN	DESCRIPTION (ITEM OF WORK)	QTY	UOM	UNIT RATE (Rs)	TOTAL AMOUNT (Rs.)
RECEIPT OF MATERIALS FROM BHEL / CUSTOMER STORES / STORAGE YARD, HANDLING AT STORES/STORAGE YARD, SITE OF WORK, TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, ASSISTANCES FOR COMMISSIONING & TRIAL OPERATION, FINAL PAINTING AND HANDING OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER, UNLOADING, HANDLING, LIFTING & PLACEMENT ON FOUNDATION), CONDENSER WITH R.E. JOINTS & BUTTERFLY VALVES, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING INCLUDING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES ETC. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE CENTRAL LUBE OIL SYSTEM, MISC. PUMPS, COLTS, PLATE HEAT EXCHANGER, MISC. HOISTS & CHAIN PULLEY BLOCKS, SELF-CLEANING STRAINERS ETC. OF 1X270 MW THERMAL POWER PLANT, IDEAL ENERGY PROJECTS LIMITED, BELA , DISTT- NAGPUR - MAHARAstra, IN ACCORDANCE WITH THE TENDER SPECIFICATION, NOTICE INVITING TENDER AND ASSOCIATED AMENDMENTS, CLARIFICATIONS, ADDENDA & CORRIGENDA. ETC. VARIOUS ITEMS OF WORK ARE AS FOLLOWS.					
01	STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT AND UNLOADING FROM WAGON/TRAILER), CONDENSER WITH R.E. JOINTS, TG INTEGRAL PIPING, WITH TG AUXILIARIES , TANKS & VESSELS, HP & LP HEATERS, LP BYPASS, POWER CYCLE PUMPS ETC. AS SL No. “(AA) TG WITH TG AUXILIARIES AND ASSOCIATED EQUIPMENTS, INTEGRAL PIPING, PUMPS WITH AUX. TANKS, VESSELS ETC. “ OF APPENDIX-I OF TENDER SPECIFICATION PART-I AND AS PER TECHNICAL SPECIFICATION PART I	1	SET	LUMPSUM	
02	RE-GENERATIVE SYSTEM PIPING (IBR AND NON-IBR) WITH REQUIRED FITTINGS, VALVES, HANGERS & SUPPORTS ETC AS PER SL. No. “(BB) EXTERNAL PIPING/RE-GENERATIVE PIPING WITH ASSOCIATED VALVES, COMPONENTS/ ITEMS, FITTING, SUPPORTS ETC.” OF APPENDIX-I OF TENDER SPECIFICATION PART COMBRINING OF CARBON STEEL & ALLOY STEEL PIPING (370MT) + STAINLESS STEEL PIPING (2 MT) AND AS PER TECHNICAL SPECIFICATION PART I	372	MT		
03	ASSEMBLY, ERECTION, ALIGNMENT, TESTING AND COMMISSIONING OF EQUIPMENTS & SYSTEMS WITH AUXILIARIES AND FITTINGS AS PER SL. No. (CC) “EQUIPMENTS/SYSTEMS, CENTRAL LUBE OIL SYSTEM, MISC. PUMPS, COLTS, PLATE HEAT EXCHANGERS, MISC.HOISTS & CHAIN PULLEY BLOCKS, SELF CLEANING STRAINERS, LP DOSING SYSTEM ETC. (SUPPLIED FROM PEM/ BHOPAL AND RELATED VENDORS)” OF APPENDIX-I OF TENDER SPECIFICATION PART-I AND AS PER TECHNICAL SPECIFICATION PART I	62	MT		
<b>TOTAL AMOUNT OF RATE SCHEDULE IN FIGURES</b>					<b>Rs.</b>
<b>TOTAL AMOUNT OF RATE SCHEDULE IN WORDS: Rupees</b>					

DATE

SIGNATURE & OFFICIAL SEAL OF BIDDER