

# **TENDER SPECIFICATION**

**No. - BHE/PW/PUR/BSJI-STG/440**

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, ASSISTANCE FOR COMMISSIONING AND HANDING OVER OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER AND HANDLING), CONDENSER, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, DEAERATOR WITH ASSOCIATED PLATFORM, HP-LP BYPASS SYSTEM, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES, CW PUMPS ETC.. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE MISC. CRANES & HOISTS, WORK SHOP EQUIPMENTS, LAB EQUIPMENTS, PLATE HEAT EXCHANGERS, MISC. PUMPS, ETC. AND DG SETS OF UNIT-1 & 2 OF 2X 250 MW

AT

BHILAI ELECTRIC SUPPLY COMPANY PRIVATE LTD;  
EXPANSION OF BHILAI POWER PROJECT (2x250 MW)  
BHILAI, DISTT: DURG,

CHHATTISGARH

## **Part-II (PRICE BID)**

BOOK No.:



**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

FOR

THE SCOPE OF WORK UNDER THE SPECIFICATION COVERS RECEIPT OF MATERIALS FROM BHEL/CUSTOMER STORES/STORAGE YARD, HANDLING AT STORES/STORAGE YARD, SITE OF WORK, TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, ASSISTANCE FOR COMMISSIONING AND HANDING OVER OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER AND HANDLING), CONDENSER, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, DEAERATOR WITH ASSOCIATED PLATFORM, HP & LP BYPASS SYSTEM, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES, CW PUMPS ETC.. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE MISC. CRANES & HOISTS, WORK SHOP EQUIPMENTS, LAB EQUIPMENTS, PLATE HEAT EXCHANGERS, MISC. PUMPS, ETC. AND DG SETS OF UNIT-1 & 2 OF 2X 250 MW

AT

BHILAI ELECTRIC SUPPLY COMPANY PRIVATE LTD;  
EXPANSION OF BHILAI POWER PROJECT (2x250 MW)  
BHILAI, DISTT: DURG,

CHHATTISGARH

EARNEST MONEY DEPOSIT : Please refer special condition of contract (section-15)

LAST DATE AND TIME FOR RECEIPT OF OFFERS Please visit web page [www.bhel.com](http://www.bhel.com) -> "Tender Notification" and "View Corrigendum"

THESE TENDER SPECIFICATION DOCUMENTS CONTAINING PART-I TECHNICAL BID AND PART- II PRICE BID, ARE ISSUED TO:

M/s. ....  
.....

**PLEASE NOTE:**

- 1) THESE TENDER DOCUMENTS ARE NOT TRANSFERABLE.
- 2) TENDERER SHALL NOTE THAT THEIR OFFER WILL BE CONSIDERED SUBJECT TO THE APPROVAL OF BHEL'S CUSTOMER M/s MSEB.

For Bharat Heavy Electricals Limited

Dy. GEN MANAGER (PURCHASE)  
PLACE: NAGPUR  
DATE:

**BHEL-PSWR-NAGPUR**  
**TENDER SPECIFICATION No. BHE/PW/PUR/BSJI-STG/440 (PART-II PRICE BID)**  
**RATE SCHEDULE (Page 1 of 2)**

SN	DESCRIPTION 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, ASSISTANCE FOR COMMISSIONING AND HANDING OVER OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER AND HANDLING), CONDENSER WITH R.E. JOINTS, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, DEAERATOR WITH ASSOCIATED PLATFORM, HP & LP BYPASS SYSTEM, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES, CW PUMPS ETC.. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE MISC. CRANES & HOISTS, WORK SHOP EQUIPMENTS, LAB EQUIPMENTS, PLATE HEAT EXCHANGERS, MISC. PUMPS, ETC. AND DG SETS OF UNIT-1 & 2 OF 2X 250 MW AT BHILAI ELECTRIC SUPPLY COMPANY PRIVATE LTD; EXPANSION OF BHILAI POWER PROJECT (2X250 MW), BHILAI, DISTT: DURG,CHHATTISGARH PROJECT IN ACCORDANCE WITH THE TENDER SPECIFICATION, NOTICE INVITING TENDER AND ASSOCIATED AMENDMENTS, CLARIFICATIONS, ADDENDA, CORRIGENDA. ETC. FOR THE FOLLOWING ITEMS OF WORK.					
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, DEAERATOR WITH PLATFORM, HP & LP BYPASS, POWER CYCLE PUMPS, CW PUMPS, DG SETS ETC. AS SL No. <b>“(AA) TG WITH TG AUXILIARIES AND ASSOCIATED EQUIPMENTS, INTEGRAL PIPING, PUMPS WITH AUX. TANKS, VESSELS , DG SETS ETC. ”</b> OF APPENDIX-I OF TENDER SPECIFICATION	2	SETS		
02	ASSEMBLY, ERECTION, FIT-UP, ALIGNMENT, WELDING, RADIOGRAPHY, SUPPORTING ETC OF RE-GENERATIVE PIPING (IBR AND NON-IBR) WITH REQUIRED FITTINGS, VALVES, HANGERS & SUPPORTS ETC <b>AS PER SL. No. <b>“(BB) EXTERNAL PIPING/RE-GENERATIVE PIPING WITH ASSOCIATED VALVES, COMPONENTS/ ITEMS, FITTING, SUPPORTS ETC.”</b></b> OF APPENDIX -I OF TENDER SPECIFICATION				
(A)	CARBON STEEL & ALLOY STEEL PIPING	444	MT		
(B)	STAINLESS STEEL PIPING	26	MT		

DATE

SIGNATURE & OFFICIAL SEAL OF BIDDER

**BHEL-PSWR-NAGPUR**  
**TENDER SPECIFICATION No. BHE/PW/PUR/BSJI-STG/440 (PART-II PRICE BID)**  
**RATE SCHEDULE (Page 2 of 2)**

SN	DESCRIPTION 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, ASSISTANCE FOR COMMISSIONING AND HANDING OVER OF STEAM TURBINE, TURBO-GENERATOR (INCLUDING ITS RECEIPT FROM TRAILER AND HANDLING), CONDENSER WITH R.E. JOINTS, TG INTEGRAL PIPING, EXTERNAL/ REGENERATIVE PIPING, EQUIPMENTS / TANKS / VESSELS, HP & LP HEATERS, DEAERATOR WITH ASSOCIATED PLATFORM, HP & LP BYPASS SYSTEM, POWER CYCLE PUMPS WITH ASSOCIATED AUXILIARIES, CW PUMPS ETC.. INCLUDING BOUGHT OUT ITEMS, PEM PACKAGES LIKE MISC. CRANES & HOISTS, WORK SHOP EQUIPMENTS, LAB EQUIPMENTS, PLATE HEAT EXCHANGERS, MISC. PUMPS, ETC. AND DG SETS OF UNIT-1 & 2 OF 2X 250 MW AT BHILAI ELECTRIC SUPPLY COMPANY PRIVATE LTD; EXPANSION OF BHILAI POWER PROJECT (2X250 MW), BHILAI, DISTT: DURG, CHHATTISGARH PROJECT IN ACCORDANCE WITH THE TENDER SPECIFICATION, NOTICE INVITING TENDER AND ASSOCIATED AMENDMENTS, CLARIFICATIONS, ADDENDA, CORRIGENDA. ETC. FOR THE FOLLOWING ITEMS OF WORK.				
03	ASSEMBLY, ERECTION, ALIGNMENT, TESTING AND COMMISSIONING OF COMMON SSSYTEM EQUIPMENTS WITH AUXILIARIES AND FITTINGS AS PER SL. No. <b>“(CC) EQUIPMENTS/SYSTEMS, PUMPS, TANKS, WORKSHOP EQUIPMENTS, LAB EQUIPMENTS, MISC. PUMPS, PLATE HEAT EXCHANGERS, MISC. CRANES AND HOIST ETC. COMMON / APPLICANBLE FOR BOTH THE UNITS (SUPPLIED FROM PEM/BHOPAL AND RELATED VENDORS)”</b> OF APPENDIX-I OF TENDER SPECIFICATION	190	MT		
TOTAL AMOUNT OF RATE SCHEDULE IN FIGURES			Rs.		
TOTAL AMOUNT OF RATE SCHEDULE IN WORDS: Rupees					

DATE

SIGNATURE & OFFICIAL SEAL OF BIDDER