

TENDER SPECIFICATION

NO. BHE/PW/PUR/IOCIL-TGE/581

FOR

COLLECTION/ LOADING/ UNLOADING/ TRANSPORTATION OF MATERIALS FROM BHEL/CLIENT'S STORES /STORAGE YARDS TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, CO-GENERATION OPERATION AND HANDING OVER OF Fr-6 GAS TURBINE-GENERATOR SETS & THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS WITH RELATED PIPING, PUMPS, DEAERATORS, TANKS, VESSELS, INTEGRAL PIPING, EXTERNAL PIPING /CO-GEN PIPING WITH VALVES, SUPPORTS & FITTINGS ETC. FOR 2x30 MW, EPCC PACKAGE-7(GTG & HRSG), RESIDUE UPGRADATION AND MS/HSD QUALITY IMPROVEMENT (IRUP), IOCL, GUJARAT REFINERY, JAWAHAR NAGAR, VADODARA

AT

**INDIAN OIL CORPORATION LIMITED
GUJARAT REFINERY, JAWAHAR NAGAR
VADODARA (GUJARAT)**

PART II – PRICE BID

BOOK NO.



BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
POWER SECTOR - WESTERN REGION
345, KINGS WAY - NAGPUR 440 001

BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
POWER SECTOR - WESTERN REGION
SHREEMOHINI COMPLEX
345, KINGS WAY - NAGPUR 440 001

TENDER SPECIFICATION **NO. BHE/PW/PUR/IOCI-TGE/581**

NAME OF THE WORK :

COLLECTION/ LOADING/ UNLOADING/ TRANSPORTATION OF MATERIALS FROM BHEL/CLIENT'S STORES /STORAGE YARDS TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, CO-GENERATION OPERATION AND HANDING OVER OF Fr-6 GAS TURBINE-GENERATOR SETS & THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS WITH RELATED PIPING, PUMPS, DEAERATORS, TANKS, VESSELS, INTEGRAL PIPING, EXTERNAL PIPING /CO-GEN PIPING WITH VALVES, SUPPORTS & FITTINGS ETC. FOR 2x30 MW, EPCC PACKAGE-7(GTG & HRSG), RESIDUE UPGRADATION AND MS/HSD QUALITY IMPROVEMENT (IRUP), IOCL, GUJARAT REFINERY, JAWAHAR NAGAR, VADODARA

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

M/s.

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(THESE TENDER DOCUMENTS ARE NOT TRANSFERABLE)

FOR BHARAT HEAVY ELECTRICALS LIMITED

DGM (PURCHASE)

PLACE: NAGPUR

DATE :

BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR - NAGPUR 440 001
PART-II PRICE BID (SCHEDULE OF RATE AND QUANTITY)
TENDER SPECIFICATION **NO. BHE/PW/PUR/IOCI-TGE/581**

COLLECTION/ LOADING/ UNLOADING/ TRANSPORTATION OF MATERIALS FROM BHEL/CLIENT'S STORES /STORAGE YARDS TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, CO-GENERATION OPERATION AND HANDING OVER OF Fr-6 GAS TURBINE-GENERATOR SETS & THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS WITH RELATED PIPING, PUMPS, DEAERATORS, TANKS, VESSELS, INTEGRAL PIPING, EXTERNAL PIPING /CO-GEN PIPING WITH VALVES, SUPPORTS & FITTINGS ETC. FOR 2x30 MW, EPCC PACKAGE-7(GTG & HRSG), RESIDUE UPGRADATION AND MS/HSD QUALITY IMPROVEMENT (IRUP), IOCL, GUJARAT REFINERY, JAWAHAR NAGAR, VADODARA AS PER TENDER SPECIFICATION.

SN	DESCRIPTION	QTY	UOM	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
A	COLLECTION OF MATERIALS FROM BHEL/CUSTOMER STORES/STORAGE YARD, LOADING AND TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, FINAL PAINTING, CO-GENERATION OPERATION AND HANDING OVER OF Fr-6B GAS TURBINE-GENERATOR SETS & THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS WITH RELATED PIPING, PUMPS, DEAERATORS, TANKS, VESSELS, INTEGRAL PIPING WITH VALVES, SUPPORTS & FITTINGS ETC. AS PER TENDER SPECIFICATION (REFER ITEMS UNDER SL. NO. 1,2 &3 OF APPENDIX-II)	2	SET		
B	COLLECTION OF MATERIALS FROM BHEL/CUSTOMER STORES/STORAGE YARD, LOADING AND TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, FINAL PAINTING, CO-GENERATION OPERATION AND HANDING OVER OF COMMON SYSTEM EQUIPMENTS / ITEMS / SYSTEMS AS PER TENDER SPECIFICATION (REFER ITEMS UNDER SL.NO. 4 OF APPENDIX-II)	1	SET		
C	COLLECTION OF MATERIALS FROM BHEL/CUSTOMER STORES/STORAGE YARD, LOADING AND TRANSPORTATION TO SITE OF WORK, ASSEMBLY, FIT-UP, ERECTION, WELDING INCLUDING NDT/RADIOGRAPHY/PRE-HEAT ING, / POST-HEATING, POST WELD HEAT TREATMENT, SUPPORTING,FINAL PAINTING, RAPPING & COATING OF BURIED/UNDER GROUND PIPING OF OFF BASE PIPINGS WITH VALVES/FITTINGS, SUPPORTS AND ALL OTHER PIPING EXTERNAL PIPING/ CO-GEN PIPING SCHEMES LIKE FUEL, GAS, NAPHTHA, HSD, HP FEED WATER, FEED WATER, LP & HP STEAM, INSTRUMENT AIR & SERVICE AIR, COOLING WATER, SERVICE WATER PIPING, PORTABLE WATER PIPING, DM WATER PIPING, CONDENSATE PIPING, UNDERGROUND / BURIED PIPING, PROCESS AIR/N2 PIPING ETC. (EXCLUDING GTG SETS INTEGRAL PIPING) FOR GTGs, HRSGs, COMMON SYSTEM EQUIPMENTS AND BALANCE OF PLANT EQUIPMENTS / SYSTEMS & RELATED AUXILIARIES: AS PER TENDER SPECIFICATION /DRAWING/ DOCUMENT AND INSTRUCTION OF BHEL SITE ENGINEER(REFER ITEM UNDER SL.NO.5 OF APPENDIX-II)				
(a)	CARBON STEEL PIPING WITH VALVES, FITTINGS AND SUPPORTS ETC.	315	MT		
(b)	ALLOY STEEL PIPING WITH VALVES, FITTINGS AND SUPPORTS ETC.	130	MT		

DATE

SIGNATURE OF BIDDER

BHARAT HEAVY ELECTRICALS LIMITED
POWER SECTOR - NAGPUR 440 001
PART-II PRICE BID (SCHEDULE OF RATE AND QUANTITY)
TENDER SPECIFICATION **NO. BHE/PW/PUR/IOCI-TGE/581**

COLLECTION/ LOADING/ UNLOADING/ TRANSPORTATION OF MATERIALS FROM BHEL/CLIENT'S STORES /STORAGE YARDS TO SITE OF WORK, ERECTION, TESTING, COMMISSIONING, APPLICATION OF THERMAL INSULATION, FINAL PAINTING, CO-GENERATION OPERATION AND HANDING OVER OF Fr-6 GAS TURBINE-GENERATOR SETS & THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS WITH RELATED PIPING, PUMPS, DEAERATORS, TANKS, VESSELS, INTEGRAL PIPING, EXTERNAL PIPING /CO-GEN PIPING WITH VALVES, SUPPORTS & FITTINGS ETC. FOR 2x30 MW, EPCC PACKAGE-7(GTG & HRSG), RESIDUE UPGRADATION AND MS/HSD QUALITY IMPROVEMENT (IRUP), IOCL, GUJARAT REFINERY, JAWAHAR NAGAR, VADODARA AS PER TENDER SPECIFICATION.

SN	DESCRIPTION	QTY	UOM	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(c)	STAINLESS STEEL PIPING WITH REQUIRED FITTINGS, VALVES, HANGERS & SUPPORTS ETC.	22	MT		
	SUB-TOTAL OF C				
D	COLLECTION OF MATERIALS FROM BHEL/CUSTOMER STORES/STORAGE YARD, LOADING AND TRANSPORTATION TO SITE OF WORK, APPLICATION OF THERMAL INSULATION & CLADDING OF PIPING SYSTEMS, EQUIPMENTS/TANKS/VESSELS AS PER TENDER SPECIFICATION/DRAWINGS AND INSTRUCTION OF BHEL SITE ENGINEER. (REFER ITEM UNDER SL. NO. 6 OF APPENDIX-II)	50	MT		
TOTAL OF SECTION – A+B+C+D (FIGURES) Rs.					
TOTAL OF SECTION –A+B+C+D (WORDS) Rupee					

NOTE:

1. NO UNCALLED FOR ENTRIES SHALL BE MADE IN THE RATE SCHEDULE, WHICH OTHERWISE MAY LEAD TO THE REJECTION OF OFFER.
2. OVERWRITINGS, CORRECTIONS, IF ANY, SHALL BE AUTHENTICATED BY THE SIGNATURE OF THE BIDDER.

DATE

SIGNATURE OF BIDDER