

TENDER SPECIFICATION

No. BHE/PW/PUR/VIOCI-MECH/1103

FOR

RECEIPT/COLLECTION, UNLOADING, HANDLING, STACKING, VERIFICATION OF ENTIRE PROJECT MATERIALS INCLUDING ELECTRICAL, CONTROL & INSTRUMENTATION EQUIPMENTS / ITEMS AND OTHER MATERIALS IN BHEL/CUSTOMER'S STORES/STORAGE YARD AS RECEIVED BY ROAD FROM MANUFACTURING UNITS/ TRANSPORTERS GODOWN UNDER MATERIALS MANAGEMENT, RECEIPT / 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 AND HANDING OVER OF 1X125 TPH HEAT RECOVERY STEAM GENERATOR WITH AUXILIARIES, STACK/ STEEL CHIMNEY WITH ASSOCIATED AUX, 1X30 MW(Fr6B) GAS TURBINE-GENERATOR SET WITH THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS / SYSTEMS WITH RELATED AUXILIARIES, INTEGRAL PIPING, FIELD / EXTERNAL PIPING ETC. FOR 1X30 MW GTG + 1X125 TPH HRSG, BASED CO-GEN, IOCL (IRUP), GUJARAT REFINERY, IOCL VADODARA PROJECT (GT#6).

AT

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

VOLUME :II – PRICE BID

BOOK NO.



BHARAT HEAVY ELECTRICALS LIMITED

(A GOVERNMENT OF INDIA UNDERTAKING)

POWER SECTOR - WESTERN REGION

SHREEMOHINI COMPLEX

345, KINGSWAY - NAGPUR 440 001

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SHREEMOHINI COMPLEX

345, KINGSWAY - NAGPUR 440 001

TENDER SPECIFICATION NO. BHE/PW/PUR/VIOCI-MECH/1103

Name of JOB: NAME OF THE WORK: RECEIPT/COLLECTION, UNLOADING, HANDLING, STACKING, VERIFICATION OF ENTIRE PROJECT MATERIALS INCLUDING ELECTRICAL, CONTROL & INSTRUMENTATION EQUIPMENTS / ITEMS AND OTHER MATERIALS IN BHEL/CUSTOMER'S STORES/STORAGE YARD AS RECEIVED BY ROAD FROM MANUFACTURING UNITS/ TRANSPORTERS GODOWN UNDER MATERIALS MANAGEMENT, RECEIPT / 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 AND HANDING OVER OF 1X125 TPH HEAT RECOVERY STEAM GENERATOR WITH AUXILIARIES, STACK/ STEEL CHIMNEY WITH ASSOCIATED AUX, 1X30 MW(Fr6B) GAS TURBINE-GENERATOR SET WITH THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS / SYSTEMS WITH RELATED AUXILIARIES, INTEGRAL PIPING, FIELD / EXTERNAL PIPING ETC. FOR 1X30 MW GTG + 1X125 TPH HRSG, BASED CO-GEN, IOCL (IRUP), GUJARAT REFINERY, IOCL VADODARA PROJECT (GT#6).

AT

INDIAN OIL CORPORATION LIMITED

GUJARAT REFINERY, JAWAHAR NAGAR

VADODARA (GUJARAT)

EARNEST MONEY DEPOSIT: Please see Notice Inviting Tender.

LAST DATE FOR: Please see Notice Inviting Tender.

TENDER SUBMISSION:

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

M/s.

PLEASE NOTE:

THESE TENDER SPECS DOCUMENTS ARE NOT TRANSFERABLE.

For Bharat Heavy Electricals Limited

AGM (Purchase)

Place: Nagpur

Date:

BHEL, PS-WR: NAGPUR
PART-II: PRICE BID (SCHEDULE OF RATES & QUANTITIES)
RATE SCHEDULE – SECTION - A

Annexure-I

SECTION-A: MATERIAL HANDLING & MATERIAL MANAGEMENT SERVICES

TENDER NO: BHE/PW/PUR/VIOCI-MECH/1103

SN	Description of item	Quantity	UNIT	UNIT RATE (IN RS.) IN FIG	TOTAL (IN RS.)
A	Material Handling and Material Management for Materials received through Trucks/Trailers at Project Site	2531	MT		
A.1	Stacking, Verification updation of receipt details & issue details, etc. of materials already received & unloaded at site (Refer Clause 2.1.4 (A) of Tech Spec)	300	MT	70% of Item A Unit Rate =	
B	Material Handling and Material Management for Materials received at Transporters Godowns within a radius of 50 KM from Project Site	60	MT	200% of rate quoted for Item No A =	
C	Material Handling and Material Management for Structural steel and Reinforcement steel received through trucks/trailers at project Site	615	MT	80 % of rate quoted for Item No A. =	
C.1	Stacking, Verification updation of receipt details & issue details, etc. of steel already received & unloaded at site (Refer Clause 2.1.4 (A) of Tech Spec)	230	MT	70% of Item C Unit Rate =	
D	Material re-shifting and re stacking within project premises	100	MT	80 % of rate quoted for Item No A. =	
E	Dispatch/Outgoing materials	50	MT	80 % of rate quoted for Item No A. =	
F	Preservation of materials (including supervision, T&P, consumable)	0	MT	NOT APPLICABLE	NOT APPLICABLE
G	Services of Material Management and data entry	54	SERVICE MONTHS	8450	4,56,300 /-
H	Menial services for BHEL office and stores, site offices etc.	126	SERVICE MONTHS	8200	10,33,200 /-
TOTAL PRICE IN FIGURES (IN RS) =					

TOTAL PRICE IN WORDS (IN RUPEES) =

NOTE

1.0 Refer Tender documents for detailed scope of work

2.0 Service months indicated above refers to services required to be rendered satisfactorily by one person during one month

3.0 For Payment terms please refer MM Works payment terms section in TCC

4.0 Bidder shall quote their price only for Item No 1.0. Rates for all other items under section A shall be derived as per the weightages indicated above

DATE:
PLACE

SEAL AND SIGN OF THE BIDDER

BHEL, PS-WR: NAGPUR
PART-II: PRICE BID (SCHEDULE OF RATES & QUANTITIES)
RATE SCHEDULE – SECTION - B

Annexure-II

SECTION-B: ERECTION, TESTING & COMMISSIONING OF HRSG, CHIMNEY, PIPING & AUXILIARIES ETC.							
TENDER NO: BHE/PW/PUR/VIOCI-MECH/1103							
SL. NO	Contract (Main Package)	Rate schedule Identifier	QTY	UNIT	RATE PER UNIT (Rs) In figures	RATE PER UNIT (Rs) In Words	TOTAL AMOUNT (Rs)
1.1	HRSG	Structures	271	MT			
1.2	HRSG	Pressure Parts	380	MT			
1.3	HRSG	Non Pressure Parts	85	MT			
1.4	Chimney	Chimney	180	MT			
1.5	PIPING	Piping, Valves & Fittings	360	MT			
1.6	INSULATION	Insulation	130	MT			
TOTAL PRICE IN FIGURES (IN RS) =							
TOTAL PRICE IN WORDS (IN RUPEES) =							
NOTE							
1.0	Refer Tender documents for detailed scope of work						
2.0	For Payment terms please refer HRSG, Chimney, Piping & Axillaries payment terms section in TCC						

DATE:
PLACE

SEAL AND SIGN OF THE BIDDER

BHEL, PS-WR: NAGPUR
PART-II: PRICE BID (SCHEDULE OF RATES & QUANTITIES)
RATE SCHEDULE – SECTION - C

Annexure-III

SECTION-C: ERECTION, TESTING & COMMISSIONING OF GAS TURBINE & AUXILIARIES ETC.

TENDER NO: BHE/PW/PUR/VIOCI-MECH/1103

Sl no	Description/Item of work	Quantity	Unit of Measurement	RATE in Rupees (In Figures)
1.	Erection, Testing and Commissioning of Gas Turbine, Generator & Axillaries	01	LUMPSUM	

TOTAL PRICE IN WORDS (IN RUPEES) =

NOTE

1.0	Refer Tender documents for detailed scope of work
2.0	Bidder shall quote one lump-sum rate for GT & Aux
3.0	For Payment terms please refer GT & Axillaries payment terms section in TCC

DATE:
PLACE

SEAL AND SIGN OF THE BIDDER

BHEL, PS-WR: NAGPUR
PART-II: PRICE BID (SCHEDULE OF RATES & QUANTITIES) T.S. No 1103
RATE SCHEDULE – TOTAL OF SECTION A+B+C

JOB: RECEIPT/COLLECTION, UNLOADING, HANDLING, STACKING, VERIFICATION OF ENTIRE PROJECT MATERIALS INCLUDING ELECTRICAL, CONTROL & INSTRUMENTATION EQUIPMENTS / ITEMS AND OTHER MATERIALS IN BHEL/CUSTOMER'S STORES/STORAGE YARD AS RECEIVED BY ROAD FROM MANUFACTURING UNITS/ TRANSPORTERS GODOWN UNDER MATERIALS MANAGEMENT, RECEIPT / 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 AND HANDING OVER OF 1X125 TPH HEAT RECOVERY STEAM GENERATOR WITH AUXILIARIES, STACK/ STEEL CHIMNEY WITH ASSOCIATED AUX, 1X30 MW(Fr6B) GAS TURBINE-GENERATOR SET WITH THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS / SYSTEMS WITH RELATED AUXILIARIES, INTEGRAL PIPING, FIELD / EXTERNAL / FIELD / POWER CYCLE PIPING ETC. FOR 1X30 MW GTG + 1X125 TPH HRSG, BASED CO-GEN, IOCL (IRUP), GUJARAT REFINERY, IOCL VADODARA PROJECT (GT#6) AT INDIAN OIL CORPORATION LIMITED , GUJARAT REFINERY, JAWAHAR NAGAR VADODARA (GUJARAT).

TENDER NO: BHE/PW/PUR/ BHE/PW/PUR/VIOCI-MECH/1103

SECTION	DESCRIPTION OF PACKAGES / ITEM OF WORK	TOTAL PRICE IN FIGURES (RUPEES)	TOTAL PRICE IN WORDS (RUPEES)
A	MATERIAL HANDLING & MATERIAL MANAGEMENT SERVICES WORK (As per Annexure – I)		
B	ERECTION, TESTING & COMMISSIONING OF HRSG, CHIMNEY, PIPING & AUXILIARIES ETC. Work (As per Annexure – II)		
C	ERECTION, TESTING & COMMISSIONING GAS TURBINE & AUXILIARIES ETC. Work (As per Annexure – III)		

TOTAL PRICE (A+B+C) IN FIGURES (IN RUPEES) =

TOTAL PRICE (A+B+C) IN WORDS (IN RUPEES) =

DATE:
PLACE

SEAL AND SIGN OF THE BIDDER