

TENDER SPECIFICATION

BHE/PW/PUR/KHZI-MECH/1042

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/RAIL 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, SUPPLY AND APPLICATION OF PAINTS FOR FINAL PAINTING AND HANDING OVER OF **1X190 TPH** HEAT RECOVERY STEAM GENERATOR WITH AUXILIARIES, STACK/ STEEL CHIMNEY WITH ASSOCIATED AUX, **1X72 MW(Fr6FA)** GAS TURBINE-GENERATOR SET WITH THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS / SYSTEMS WITH RELATED AUXILIARIES, INTEGRAL PIPING, FIELD / EXTERNAL / PIPING ETC. FOR **1x72 MW CPP REVAMP KRIBHCO PROJECT**

AT
KRIBHCO (KRISHAK BHARATI COOPERATIVE LIMITED)
PROJECT
HAZIRA, DIST. SURAT, STATE- 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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(A GOVERNMENT OF INDIA UNDERTAKING)
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AT

KRIBHCO (KRISHAK BHARATI COOPERATIVE LIMITED)

PROJECT

HAZIRA, DIST. SURAT, STATE- 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/KHZI-MECH/1042						

Sl no	Description of item	Qty	UNIT	UNIT RATE (IN Figures) Rs	UNIT RATE (IN Words) Rs	TOTAL (IN RS.)
A	Material Handling and Material Management for Materials received through Trucks/Trailers at Project Site	5201	MT			
B	Material Handling and Material Management for Materials received at Transporters Godowns within a radius of 50 KM from Project Site	100	MT			
C	Material Handling and Material Management for Materials received through Railway wagons at railway siding/station/godown	50	MT			
D	Material Handling and Material Management for Structural steel and Reinforcement steel received through trucks/trailers at project Site	1116	MT			
E	Material re-shifting and re stacking within project premises	500	MT			
F	Dispatch/Outgoing materials	200	MT			
G	Services of Material Management and data entry	36	SERVICE MONTHS			
H	Menial services for BHEL office and stores, site offices etc.	60	SERVICE MONTHS			

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 |

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/KHZI-MECH/1042							
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	353	MT			
1.2	HRSG	Pressure Parts	843	MT			
1.3	HRSG	Non Pressure Parts including chimney	165	MT			
2.1	PIPING (including valves and fittings)	IBR piping (Carbon steel, alloy steel)	300	MT			
2.2		Non IBR piping	351	MT			
2.3		SS Piping	4	MT			
3.1		Hanger & Supports and structural steel for pipe supports	150	MT			
3.1	INSULATION	Insulation and cladding	163	MT			
4.1	WRAPPING and COATING	Wrapping and coating	650	SQM			
TOTAL PRICE IN FIGURES (IN RUPEES) =							
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/KHZI-MECH/1042

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

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)
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/RAIL 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, SUPPLY AND APPLICATION OF PAINTS FOR FINAL PAINTING AND HANDING OVER OF 1X190 TPH HEAT RECOVERY STEAM GENERATOR WITH AUXILIARIES, STACK/ STEEL CHIMNEY WITH ASSOCIATED AUX, 1X72 MW(Fr6FA) GAS TURBINE-GENERATOR SET WITH THEIR AUXILIARIES, BALANCE OF PLANT EQUIPMENTS / SYSTEMS WITH RELATED AUXILIARIES, INTEGRAL PIPING, FIELD / EXTERNAL / PIPING ETC. FOR 1x72 MW CPP REVAMP KRIBHCO PROJECT
TENDER NO: BHE/PW/PUR/KHZI-MECH/1042

SECTION	DESCRIPTION OF PACKAGES / ITEM OF WORK	TOTAL PRICE IN FIGURES (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