



ANNEXURE A

1 X 370 MW YELAHANKA CCPP (KPCL)

PRICE SCHEDULE FOR COMPRESSED AIR SYSTEM

NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-10.02.2016

INDIAN BIDDER		SUPPLY					E&C			GRAND TOTAL	
SL NO	ITEM DESCRIPTION	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS) @...% (INR)	CST/VAT @...% AGAINST FORM 'C' /E/II (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @...% OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	E&C, TRIAL RUN AND PERFORMANCE TEST CHARGES (INR)	SERVICE TAX @.....% (INR)	E&C, TRIAL RUN AND PERFORMANCE TEST CHARGES INCLUDING SERVICE TAX (INR)	TOTAL LUMP SUM PRICE FOR SUPPLY AND E&C WITH SERVICE TAX. (INR)
1.0.0	TOTAL LUMP SUM FIRM PRICES FOR THE SUPPLY OF EQUIPMENT & SERVICES AS SPECIFIED, COMPRISING DESIGN, ENGINEERING, MANUFACTURE, INSPECTION & TESTING AT MANUFACTURER'S WORKS, PAINTING AT MANUFACTURER'S WORKS, DULY PACKED FOR TRANSPORTATION, DELIVERY TO SITE, LOADING, UNLOADING & STORAGE AT SITE, SUPPLY OF ERECTION MATERIALS, CONSUMABLES, START-UP & COMMISSIONING SPARES, AND MANDATORY SPARES AS REQUIRED TO COMPLETE THE COMPRESSED AIR SYSTEM INCLUDING SERVICE PART FOR UNLOADING, STORAGE & HANDLING AT SITE, ERECTION, COMMISSIONING, TRIAL RUN, CARRYING OUT PERFORMANCE TESTS AT SITE, HANDING OVER TO CUSTOMER IN LINE WITH DRAWINGS/ DOCUMENTS/ TEST PROCEDURES APPROVED BY BHEL/ CUSTOMER, FOR THE TOTAL SCOPE DEFINED IN TECHNICAL SPECIFICATION (SPEC.NO. PE-TS-409-555-A001) AND TERMS & CONDITIONS OF TENDER, TAKING INTO ACCOUNT ALL CLARIFICATIONS, CONFIRMATIONS AND AGREEMENTS TILL DATE OF PACKAGE ORDER FOR COMPRESSED AIR SYSTEM FOR 370 MW (109 FB) CCPP YELAHANKA.	1	2	3	4	5	6 = 2+3+4+5	7	8	9 = 7+8	10 = 6+9
2.0.0	Break up prices for items covered in clause 1.0.0 above.										
2.1.0	TOTAL LUMP SUM FIRM PRICES FOR THE SUPPLY OF EQUIPMENT AS SPECIFIED, COMPRISING DESIGN, ENGINEERING, MANUFACTURE, INSPECTION & TESTING AT MANUFACTURER'S WORKS, PAINTING AT MANUFACTURER'S WORKS, DULY PACKED FOR TRANSPORTATION, DELIVERY TO SITE INCLUDING FREIGHT, INCLUDING SUPPLY OF CONSUMABLES, START-UP & COMMISSIONING SPARES, AS REQUIRED TO COMPLETE THE COMPRESSED AIR SYSTEM FOR THE TOTAL SCOPE DEFINED IN TECHNICAL SPECIFICATION (SPEC.NO. PE-TS-409-555-A001) AND TERMS & CONDITIONS OF TENDER, TAKING INTO ACCOUNT ALL CLARIFICATIONS, CONFIRMATIONS AND AGREEMENTS TILL DATE FOR COMPRESSED AIR SYSTEM FOR 370 MW (109 FB) CCPP YELAHANKA.										
2.2.0	TOTAL LUMP SUM FIRM PRICES FOR THE SUPPLY OF EQUIPMENT AS SPECIFIED, COMPRISING DESIGN, ENGINEERING, MANUFACTURE, INSPECTION & TESTING AT MANUFACTURER'S WORKS, PAINTING AT MANUFACTURER'S WORKS, DULY PACKED FOR TRANSPORTATION, DELIVERY TO SITE FOR MANDATORY SPARES (AS PER ATTACHED ANNEXURE-1) REQUIRED TO COMPLETE THE COMPRESSED AIR SYSTEM INCLUDING HANDING OVER TO CUSTOMER IN LINE WITH DRAWINGS/ DOCUMENTS/ TEST PROCEDURES APPROVED BY BHEL/ CUSTOMER, FOR THE TOTAL SCOPE DEFINED IN TECHNICAL SPECIFICATION (SPEC.NO. PE-TS-409-555-A001) AND TERMS & CONDITIONS OF TENDER, TAKING INTO ACCOUNT ALL CLARIFICATIONS, CONFIRMATIONS AND AGREEMENTS TILL DATE OF PACKAGE ORDER FOR COMPRESSED AIR SYSTEM FOR 370 MW (109 FB) CCPP YELAHANKA.										


Not applicable

13/11/2013



**ANNEXURE A**  
**1 X 370 MW YELAHANKA CCPP (KPCL)**  
**PRICE SCHEDULE FOR COMPRESSED AIR SYSTEM**  
**NIT REF NO-PE/PG/E/1E-5179/2015 DTD-10.02.2016**

INDIAN BIDDER						SUPPLY			E&C		GRAND TOTAL
SL NO	ITEM DESCRIPTION	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS) @...% (INR)	CST/VAT @...% AGAINST FORM 'C' /E/II (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @...% OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	E&C, TRIAL RUN AND PERFORMANCE TEST CHARGES (INR)	SERVICE TAX @...% (INR)	E&C, TRIAL RUN AND PERFORMANCE TEST CHARGES INCLUDING SERVICE TAX (INR)	TOTAL LUMP SUM PRICE FOR SUPPLY AND E&C WITH SERVICE TAX. (INR)
		1	2	3	4	5	6 = 2+3+4+5	7	8	9 = 7+8	10 = 6+9
2.3.0	TOTAL LUMP SUM FIRM PRICES FOR THE SERVICES AS SPECIFIED, COMPRISING OF SERVICE PART FOR UNLOADING, STORAGE & HANDLING AT SITE, ERECTION, COMMISSIONING, TRIAL RUN, CARRYING OUT PERFORMANCE TESTS AT SITE, HANDING OVER TO CUSTOMER IN LINE WITH DRAWINGS/ DOCUMENTS/ TEST PROCEDURES APPROVED BY BHEL/CUSTOMER, FOR THE TOTAL SCOPE DEFINED IN TECHNICAL SPECIFICATION (SPEC. NO. PE-TS-409-555-A001) AND TERMS & CONDITIONS OF TENDER, TAKING INTO ACCOUNT ALL CLARIFICATIONS, CONFIRMATIONS AND AGREEMENTS TILL DATE FOR COMPRESSED AIR SYSTEM FOR 370 MW (109 FB) CCPP YELAHANKA.										
NOTES	Bidder to note that total price indicated above at 1.0.0 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.										
a	Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.										
b	Total Lumpsum price in column-10 of Sl. No. 1.0.0 should match with summation of total prices as in Column -10 of Sl. No. 2.1.0 + Column 10 of Sl. No. 2.2.0 + Column 10 of Sl. No. 2.3.0.										
c	Total Lumpsum price in column-10 of Sl. No. 2.2.0 should match with summation of total prices as in Column -6 of S.No. A of Annexure-1.										
d	Total erection & commissioning charges including service tax should be minimum 10% of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.										
e	All deviations should be marked in Cost of withdrawal sheet only. Deviations marked elsewhere other than schedule of deviation shall not be taken into cognizance.										
f	Bidder to fill import content in Annexure-II. However, any benefits w.r.t taxes and duties will be governed by the commercial terms and conditions in this tender.										
g	Bidder must submit prices in the Pro Forma duly filled in signed and stamped on every page without any ambiguity. The price shall be written against each item. Term such as "refer covering letter" etc. are not acceptable. Price format shall not be changed by the bidder as the bidder may get disqualified by doing so.										
h	During execution stage there will not be any Billing Break Up (BBU) for making progressive payments for supply purpose. Total supply payment shall be made after receipt of complete materials at site. For this the successful bidder has to give a complete BOQ for engineering approval. However, anything else required to complete the contractual requirements shall be supplied by the successful bidder within the quoted price. For further details delivery conditions as defined elsewhere to be noted.										

  
**सुमीत गजानी / SUMEET GAJANI**  
 वरिष्ठ अभियंता (पी.सी.ई.)/Sr. Engineer (P.C.E.)  
 भारत हीरो इंजीनियरिंग प्राइवेट लि. / Bharat Hero Engineering Private Ltd.  
 पावर सेक्टर, येलहंका विद्युत परियोजना, कोयंबटूर जिल्हा, महाराष्ट्र.  
 Power Sector, Yelahanka Compressor Station, Kolhapur District, Maharashtra.  
 फोन: ०२०-२५५५५५५५  
 पिन: ४३१०२५



ANNEXURE I

1 X 370 MW YELAHANKA CAPP (KPCL)

PRICE SCHEDULE FOR MANDATORY SPARES OF COMPRESSED AIR SYSTEM PACKAGE

NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-10.02.2016

SL NO	ITEM DESCRIPTION	TOTAL QTY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS).@ % (INR)	CST/VAT @ ....% AGAINST FORM 'C' /E/II (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ .....% OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)
1	2	3	4	5	6	7	8	9	10
1	0 Ring for each size	1 Set	Set	1	2	3	4	5	6 = 2+3+4+5
2	Packing Ring	12	Nos						
3	Oil Wiper Ring	12	Nos						
4	Sealing Ring	2	Nos						
5	Gasket for each size	1 Set	Set						
6	Clamps for valve assembly	7	Nos						
7	Circlips for valve assembly	7	Nos						
8	Valve Spring (LP suction)	7	Nos						
9	Valve spring (HP Suction)	7	Nos						
10	Valve Spring Discharge	7	Nos						
11	Valve Plate	12	Nos						
12	Damper plate	20	Nos						
13	Piston Ring - LP	2	Nos						
14	Rider Ring - LP	2	Nos						

*[Handwritten signature]*



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ANNEXURE I

1 X 370 MW YELAHANKA CCPP (KPCL)

PRICE SCHEDULE FOR MANDATORY SPARES OF COMPRESSED AIR SYSTEM PACKAGE

NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-10.02.2016

SL NO	ITEM DESCRIPTION	TOTAL QTY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS)..@% (INR)	CST/VAT @ ...% AGAINST FORM 'C' /E/E/II (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ .....% OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)
				1	2	3	4	5	6 = 2+3+4+5
15	Piston Ring - HP	3	Nos						
16	Rider Ring - HP	2	Nos						
17	Oil Filter Element	2	Nos						
18	Suction Filter element	2	Nos						
19	Bearing for driving and non driving ends of compressors	2 set	Set						
20	Compressor spare crank shaft	1	Nos						
21	Suction Valve Assembly for LP	1 Set	Set						
22	Suction Valve Assembly for HP	1 Set	Set						
23	Discharge Valve Assembly for LP	1 Set	Set						
24	Discharge Valve Assembly for HP	1 Set	Set						
25	Suction Valve Un loader	1 Set	Set						
26	Piston rod with locknut	1 Set	Set						

*[Handwritten signature]*



**ANNEXURE I**

**1 X 370 MW YELAHANKA CCPP (KPCL)**

**PRICE SCHEDULE FOR MANDATORY SPARES OF COMPRESSED AIR SYSTEM PACKAGE**

**NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-10.02.2016**

SL NO	ITEM DESCRIPTION	TOTAL QTY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS)..@ % (INR)	CST/VAT @ ....% AGAINST FORM 'C' /E/II (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ .....% OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)
27	LP and HP Piston	1 Set	Set	1	2	3	4	5	6 = 2+3+4+5
28	Motor	1 No. of each type, rating & frame size	Nos						
29	For all field instruments, air filter regulators, transmitter racks and interposing relays,	a minimum of one(1) no. or 10% of the quantity of each type and range, whichever is higher	Nos						
<b>A</b>	<b>Total Lumpsum Price of Mandatory Spares</b>								

**Notes**

- a) Unless stated otherwise, a 'set' means item or sub-items required for each type/ size, range of assembly/ sub- assembly required for complete replacement in one equipment system; it is further intended that the assembly/ sub-assembly which have different orientation ( like left hand or right hand, top or bottom), different direction of rotation or mirror image positioning or any other reasons which result in marinating two different sets of spares to be used for subject assembly/ sub assembly, these shall be considered as different type of assembly/ sub assembly.
- b) Wherever quantity has been specified as percentage(%), the quantity of mandatory spares to be provided by the vendor shall be the specified percentage (%) of total population required to meet the specification requirements. In case the quantity of mandatory spares so calculated happens to be in fraction, the same shall be rounded off to next higher whole number.



ANNEXURE I

1 X 370 MW YELAHANKA CCPP (KPCL)

PRICE SCHEDULE FOR MANDATORY SPARES OF COMPRESSED AIR SYSTEM PACKAGE

NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-10.02.2016

SL NO	ITEM DESCRIPTION	TOTAL QTY	UOM	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS)..@.% (INR)	CST/VAT @ ....% AGAINST FORM 'C' /E/E/II (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ .....% OF TOTAL EX WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)
				1	2	3	4	5	6 = 2+3+4+5
c)	Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc, these shall cover all the items supplied and installed and the breakup of these shall be furnished by the vendor during detail engineering.								
d)	In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to the offered design with quantities generally in line with the approach followed in the above list.								
e)	Wherever bidder has indicated an item as not applicable, the same will have to be supplied free of cost, in case it is found applicable during detail engineering.								

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**SHRI MURTHY / SHRI MURTHI SAHAY**  
 Director, Project Management, Bharat Heavy Electricals Ltd.  
 100, Anna Salai, Chennai - 600 002  
 Phone: 044-26101111, 26101112, 26101113, 26101114  
 Fax: 044-26101115, 26101116, 26101117, 26101118  
 Plot No. 25, Sector - 10A, Industrial Area, Jodhpur



Rev 01


ANNEXURE - II

1 X 370 MW YELAHANKA CCPP (KPCL)

IMPORT CONTENT - PRICE SCHEDULE FOR COMPRESSED AIR SYSTEM PACKAGE

NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-10.02.2016

SL NO	DESCRIPTION OF EQUIPMENT/ ITEM	ALL INCLUSIVE PRICE (As per tender)
1.0	Total price (in terms of `Euro/US \$' and correspondingly in INR as on date) for supply of import content, as required, for total scope defined as per technical specification and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date. (Bidder shall furnish item-wise break-up in a separate sheet)	
1.1.1	In Euro.	
1.1.2	In INR (Corresponding to 1.1.1).	
1.2.1	In US \$.	
1.2.2	In INR (Corresponding to 1.2.1).	
1.3	Total in INR (1.1.2 + 1.2.2).	
NOTE		
1.0	Bidder's quoted price in various schedules shall be inclusive of above total price for import component at sl no 1.3 above.	
2.0	Bidder shall furnish item-wise break-up of imported items.	

  
 Sd/- ~~...~~ / SUPERVISOR  
 Project: 370 MW CCPP, Yelahanka  
 Bangalore, Karnataka  
 Date: 10.02.2016

