

Project
Engineering
Management

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)



Ref. Enquiry No.: PE/PG/YE1/E-5179/2015
Dated: 10.02.2016

DUE DATE
03.03.2016
BY 10.00AM

SUBJECT: TENDER ENQUIRY FOR COMPRESSED AIR SYSTEM AS PER TECHNICAL SPECIFICATION NO. PE-TS-409-555-A001 FOR 1X370MW KPCL YALAHANKA CCPP

Our Ref: TENDER ENQUIRY NO: PE/PG/YE1/E-5179/2015, DTD-10.02.2016

Dear Sir/ Ma'am,

We are pleased to invite your offer in two parts strictly as per Clause-2.0 of the enclosed "Instructions to Bidders" & Clause no-3 & 4 of NIT in quintuplicate, in sealed covers for the under mentioned equipment/system.

SCOPE	BHEL INVITES OFFERS FROM REPUTED VENDORS (REFER PREQUALIFICATION REQUIREMENT AND OTHER REQUIREMENTS GIVEN IN TENDER ENQUIRY LETTER UPLOADED ON OUR WEBSITES) FOR 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
PROJECT	1 X 370 MW KPCL YELAHANKA CCPP
PACKAGE	COMPRESSED AIR SYSTEM
QTY	AS PER BOQ GIVEN IN TECH. SPEC
PRE-BID MEETING	PRE-BID MEETING IS SCHEDULE ON 20.02.2016

Your best quotation/offer for the above requirement, in line with our terms and conditions, should either be delivered in person or sent by **COURIER/REGISTERED POST**, to the official inviting tender (s). It shall be the responsibility of the bidder to ensure that the tender is delivered on or before the **due date by 10.00AM**. Part-I bids shall be opened at **11.00AM** on the due date in the presence of authorized representatives of the bidders, who may like to be present.

Note:-

1. Please note that Part Supplies offered for Project shall disqualify the bidder's offer.
2. Documents and Credential as per Technical & Financial PQR, Techno Commercial Bids and Price Bids should be submitted separately in separate envelopes.
3. Evaluation will be done on overall L1 (Total cost to BHEL) basis with necessary loading as applicable. Incomplete offer or offer for part of NIT BOM/BOQ shall be summarily rejected.

TERMS AND CONDITIONS: - Please refer GCC Rev-06 which is available on www.bhelpem.com. You are requested to kindly download the same.

MR SUMEET SAHAY
SR ENGR/PG-1-2
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
PLOT NO. 25, SECTOR - 16A, NOIDA (UP)
(OFF) 0120-4213532, 09999498202

Regd. Office:
BHEL House
Siri Fort
New Delhi-110049

Handwritten signature and date: 10/2/16



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TERMS AND CONDITIONS

1. INSTRUCTIONS REGARDING CENTRALISED TENDER ROOM:-

- Vendors are advised to submit the tenders in the tender box, containing Part-I & II offers in separate covers, preferably cloth lined envelopes should be used, properly marked before due date and time.
- The dispatch department shall not accept any tender in torn condition and shall return the same to the courier immediately with the Stamping "Returned to Sender-Package Damaged". Offers in damaged condition will not be considered and no request for extension on this account will be considered.
- Bidder's representative shall deposit the offer in tender box only.
- Bidders shall be allowed in the tender room in area identified for bidders and only one authorized representative from each bidder shall be allowed.
- Bidder shall not be allowed to carry mobile/camera/ laptop in the tender room. The same shall have to be deposited at security in advance and taken back after tender opening.
- Details of offers shall be read out to bidders and in no case the offers shall be handed over to any of the bidders for noting down.
- Please ensure tender submission, minimum 1 hour before scheduled tender opening time. Late tenders shall not be accepted.

2. Enquiry No., due date etc. must be legibly superscribed on the sealed envelopes as per clause no. 2.0 of "Instructions to Bidders".

3. Offers should be submitted in two parts in Two separate sealed covers as follows:

- Part-I Bid :- Documents and Credential as per Technical & Financial PQR and Techno-Commercial offer
- Part II Bid :- Price Bid

4. Following terms and conditions will be made part of NIT:-

- Bidders to submit all documents concerning PQR (Technical and Financial), Techno-commercial offer along with the un-priced price bid and un-priced schedule of Technical-Commercial Deviation in a sealed envelope superscribed with heading "Part-I Bid – Technical & Financial PQR and Techno-Commercial Offer".
- Bidders to submit their Price Bid and Priced schedule of Technical-Commercial Deviation in a sealed envelope superscribed with heading "Part-II Bid – Price Bid".
- Part I bid will be opened on date & time mentioned in the NIT or subsequent corrigenda/amendments, if any.
- Techno-commercial offer of only those bidders shall be evaluated who will meet the Technical as well as Financial pre-qualifying requirement of the tender.

Credentials of the bidders meeting the prequalifying requirements shall be taken up with customer for approval.

- After finalization of Techno-commercial evaluation, offers of BHEL and Customer approved vendors who have qualified in the Techno-commercial evaluation shall be considered for Price Bid Opening/RA.

5. Bidders shall submit their offers meeting the requirements of the following tender documents (enclosed) and other Terms and Conditions included in this Enquiry Letter:

- ANNEXURE-I of GCC Rev. 06: Letter to be furnished by the Bidders.
- DEFINITION OF TERMS.

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- **Volume-I:** Comprising i) **Part-A:** Instructions to Bidders, ii) **Part-B:** General Commercial Terms & Conditions and iii) Special Conditions of Contract, if applicable.
- **Volume-II:** Comprising i) **Part-A:** General Technical Conditions and, ii) **Part-B:** Technical Specification.
- **Volume-III:** Schedules and Data Sheets.

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

6. Vendors shall quote in accordance with the requirements mentioned in the tender documents. In case of deviations (Technical/ Commercial), the same shall be highlighted separately giving Clause references along with the Cost of withdrawal of Deviations as per Annexure-II to GCC Rev 06 of "DEVIATION SHEET (COST OF WITHDRAWAL)" along with reasons for taking such deviations

Bidder to note all the points mentioned in "Notes" of Annexure-II to GCC Rev 06

7. **Please note the following:**
- Price format is enclosed for compliance.**
 - SCC enclosed for compliance.**
 - GCC enclosed for compliance.**
8. Tenders shall be submitted strictly in accordance with the requirements of the above tender documents.
9. Standard pre-printed terms & conditions of the tenderers shall not be considered valid.
10. Validity of offer shall be as per Clause No. 7.0, "Instructions to Bidders" of GCC Rev 06.
11. Unsolicited fresh/revised Price Bids shall not be entertained.
12. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
13. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be despatched to the Project site/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Despatch Clearance Certificate (MDCC)
14. Late tenders will be rejected.
15. Tenders and all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Mr. SUMEET SAHAY, SR ENGR, PG-I-2
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
Kind Attn: SUMEET SAHAY/ PG-I-2
E-MAIL: sumeetsahay@bhelpem.co.in
Ph. No. 0120-4213532, 09999498202

Mr. HEMANT KUMAR KAUSHIK, DY MANAGER,
PG-I-2
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
Kind Attn: HEMANT KUMAR KAUSHIK / PG-I-2
E-MAIL: hkkaushik@bhelpem.co.in
Ph. No. 0120- 4213549, 0 9540180895

16. Definition of Terms is also enclosed. These definitions will apply to all the tender documents including this Enquiry Letter.

Atty
10/2/16



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17. Delivery:

For Supply (along with Commissioning Spares):- Ten (10) months from date of LOA

Bidder to submit drawings/documents as per submission schedule mentioned in Annexure VIII of Section-E of Technical Specification-PE-TS-409-555-A001. Vendor to re-submit documents within 10 days, taking care of all the comments of BHEL

Mandatory Spares to be delivered within 04 months from Manufacturing clearance or 13.03.2017 whichever is later. Separate dispatch/ manufacturing clearance will be issued for Mandatory Spares.

E&C:- Four months from the date of availability of front at site.

Site front availability will be reckoned as Date when site informs for mobilization of manpower and resources.

18. Prices shall be firm.

19. 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.

20. PRE-QUALIFICATION REQUIREMENT:-

Bidders will be asked to fill up the details in "TECHNICAL AND FINANCIAL PRE-QUALIFYING REQUIREMENT" as per the conditions mentioned in the PQR and also to submit the credentials.

Bids of only those bidders shall be evaluated who meet the Technical as well as Financial pre-qualifying requirements (if applicable). Credentials of the bidders meeting the prequalifying requirements shall be taken up with customer for approval. Price Bid of only BHEL and customer approved vendors shall be opened.

21. Bidder to note for compliance that this is conditional enquiry, the price bid (Part-II) opening/RA is subjected to

- a) Approval of bidder by the BHEL PEM.**
- b) Approval of bidder by Customer. Same shall be taken up by us with customer based on the credentials/reference list. So vendors to submit the credentials before Part-I opening or along with their offer.**

22. Bidders have to quote freight charges in percentage of their quoted ex-works prices for Indigenous items.

23. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS AS PER GCC (06), SCC (REV 03) AND NIT". In case of deviations, bidder to clearly mention the same with their techno-commercial offer as per Point No-6 of NIT.

24. All the above Tender Documents shall automatically become a part of the Order/Contract after its finalization.

25. The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.

26. "The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website

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http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice."

BHEL Fraud prevention policy is also uploaded in vendor's section on www.bhelpem.com.

27. Bidders are requested to visit constantly our website to update them self for any technical or commercial change in the NIT.
28. All corrigenda, addenda, amendments, time extensions, clarifications, etc to the tender will be hosted on BHEL website (www.bhel.com) & BHEL-PEM website (www.bhelpem.com) only. Bidders should regularly visit websites to keep themselves updated.
29. CIF allocation is applicable for this tender. Bidder to quote accordingly.
30. In case the successful bidder fails to establish / prove the guaranteed values of power consumption (base figure of auxiliary power consumption) on actual performance testing at the manufacturing works / site, penalty @ (INR) 136000/- per kW increase in power consumption figure shall be levied.
31. Bidders to submit their offers strictly in line with the enclosed price format.
32. Inspection shall be done by BHEL/ END CUSTOMER/Third party Agency (finalized by BHEL).
33. May please find the copy of our GCC (Rev 06) on our website www.bhelpem.com
34. Any other taxes & duties applicable on the date of bid but not quoted by the bidders shall be to bidder account.
35. MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of CA certificate (Format enclosed at Annexure-I where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted thorough e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted Officer.
36. Foreign & indigenous bidders participating through open/limited tender will necessarily have to but class III DSCs issued by the certifying authorities in India. Basic procedure/ checklist is uploaded on www.bhel.com.
37. Contractor will comply with HSE (Health, Safety & Environment) requirement of BHEL.
38. Non- registered bidder to submit the credentials required for Registration in BHEL PEM:-

"Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, have to apply through Online Registration Portal available at www.bhelpem.com - vendor section - Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. One set of hard copy of the filled-up SRF downloaded from Online Registration Portal duly signed and stamped has to be submitted."
39. Construction Power & Construction Water shall be provided "Free of Cost" at one point of plant boundary.
40. BGs should be in favour of BHEL-PSSR in place of PEM. Vendors will be required to submit BGs to executing agency BHEL-PSSR.

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41. Bidder is requested to quote their best competitive prices. "BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.

Terms and Conditions of Reverse Auction shall be as per attached annexure-A.

42. Foreign bidders quoting along with their Authorised Indian associates to comply with BHEL corporate circular AA:MM:AGENCY dated 06th August 2010 for the guidelines regarding dealings with Indian agents of Foreign bidders (as enclosed).


43. Please note that for technical bid, detailed offers are to be submitted including the following along with the Price schedule as per BHEL format enclosed with NIT:-

- Acceptance of GCC Rev-06.
- Acceptance of Special Conditions of Contract
- Duly filled, signed & stamped Annexure-I of GCC Rev-06
- GA Drawings, if any.
- Guarantee Clause – As per (General Conditions of Contract) GCC, Rev. 06
- Pre-qualifying Requirement (PQRs) - a) TECHNICAL PQR b) FINANCIAL PQR.
- Technical Deviations and Commercial Deviation, if any as per format enclosed at Annexure-II of GCC Rev 06
- Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
- Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row.
- Separate sealed price-bid envelope mentioning name of the project/package in BOLD LETTER on the top of each envelope.

Note: Tenderer must submit UN-PRICED Price format duly filled mentioning the word "QUOTED" in place of actual price given in sealed price bid.

Thanking you,

Yours faithfully,
For and on behalf of BHEL


(Signature of official with Name & Designation)

Enclosure:

1. Enquiry Terms & Conditions
2. Price Format (Prices should be quoted in this format only)
3. Terms and Conditions of Reverse Auction
4. Techno-Commercial Deviation Sheet (Annexure-II to GCC Rev 06)
5. BOQ & Technical Specifications
6. SCC of the project
7. Technical PQR
8. Financial PQR
9. Cost of Withdrawal sheet, if applicable

MR SUMEET SAHAY
SR ENGR/PG-I-2
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
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(OFF) 0120-4213532, 09999498202

Regd. Office:
BHEL House
Siri Fort
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BHARAT HEAVY ELECTRICALS LIMITED

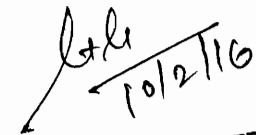
PROJECT ENGINEERING MANAGEMENT

**ANNEXURE – A TO NIT REF NO-NIT REF NO-PE/PG/YE1/E-5179/2015 DTD-
10.02.2016**

TERMS & CONDITIONS OF REVERSE AUCTION

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid" in the Reverse Auction. Non-submission of „online sealed bid" by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL"s standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction", which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.
16. Any variation between the final bid value and that in the confirmatory signed price breakup document will be considered as tampering the tender process and will invite action by BHEL as per extant guidelines in vogue.


10/2/16
सुमीत सहाय / SUMEET SAHAY
वरिष्ठ अभियन्ता (पी जी नं-21)/Sr. Engineer (PG-1-2)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड, बिजनेस इलेक्ट्रिकल्स विभाग
पावर सेक्टर - Project Engineering Management
प्लॉट नं.-25, सेक्टर-16ए, नवीदा-201 301
Plot No. 25, Sector-16A, Noida-201 301



ANNEXURE A

1 X 370 MW YELAHANKA CCPP (KPCL)

PRICE SCHEDULE FOR COMPRESSED AIR SYSTEM

NIT REF NO-PE/PG/YE/1E-5179/2015 DTD-10.02.2016

INDIAN BIDDER											
SUPPLY											
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' / EI/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)	E&C SERVICE TAX @...% (INR)	E&C, TRIAL RUN AND PERFORMANCE TEST CHARGES INCLUDING SERVICE TAX (INR)	GRAND TOTAL
		1	2	3	4	5	6 = 2+3+4+5	7	8	9 = 7+8	10 = 6+9
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, 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.										
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-I) 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.										

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ANNEXURE A
1 X 370 MW YELAHANKA CCPP (KPCL)

PRICE SCHEDULE FOR COMPRESSED AIR SYSTEM
NIT REF NO-PE/PG/E/1/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 P FOR SUPPLY AND I WITH SERVICE TA (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/DRAWINGS/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.										
<p>NOTES</p> <p>a) 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.</p> <p>b) 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.</p> <p>c) Total Lumpsum price in column-10 of Sl. No. 1.0.0 should match with summation of total prices as in Column -6 of S.No. 2.1.0 + Column 10 of Sl. No. 2.2.0 + Column 10 of Sl. No. 2.3.0.</p> <p>d) 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-I.</p> <p>e) 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.</p> <p>f) 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.</p> <p>g) 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.</p> <p>h) 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</p>											

10/12/16

सुमित चौहान / SUMIT CHAUHAN
 अधिकारी (वि. नं. 2) / Sr. Engineer (P-1-2)
 भारत हीवी इंजीनियरिंग लिमिटेड / भारत हीवी इलेक्ट्रिकल्स लि.
 भारत हीवी इंजीनियरिंग लिमिटेड, प्लॉट नं. 25, सेक्टर-16A, नोडा-201 301
 भारत हीवी इंजीनियरिंग लिमिटेड, प्लॉट नं. 25, सेक्टर-16A, नोडा-201 301
 Power Sector, Project Engineering Mandor, Plot
 No. 25, Sector-16A, Noida-201 301
 Plot No. 25, Sector-16A, Noida-201 301



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' /EI/EII (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
1	0 Ring for each size	1 Set	Set						
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 and date: 10/12/16



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/IE/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						

Signature
Date 12/11/16

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)
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						
A	Total Lumpsum Price of Mandatory Spares								

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.								

(Handwritten signature)
10/02/16

सुनील साहय / SUNEET SAHAY
 वरिष्ठ अभियंता (पी.जी.-१-२) / Sr. Engineer (PG-1-2)
 भारत हीवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
 पावर सेक्टर - १/ प्रोजेक्ट इंजीनियरिंग प्रबंधन
 Power Sector - 1/ Project Engineering Management
 प्लॉट नं. २५, सेक्टर - १०४, गाँव-१-२०१ ३०१
 Plot No. 25, Sector - 104, Noida-201 301



Rev 00

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.


 SUMFRET SAHAY
 Engineer (PG-II-2)
 Electrical Heavy Electricals Ltd.
 Heavy Electricals Division
 Heavy Electricals Management
 4th Floor, 100 Feet Road, Bangalore-560001, India-201 301



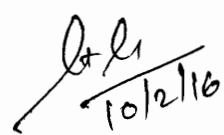
ANNEXURE - III

1 X 370 MW YELAHANKA CCPP (KPCL)

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

Guaranteed Power Consumption For Air Compressor System Shall be as per Following :

S.No. (1)	Description of Equipments (2)	Nos. of Equipments (3)		Total Guaranteed Power Consumption for Each Equipment at Motor Input Terminals & control Panel (4)	Duty Factor (5)	Total (KW) (6) = (3A)*(4)*(5)
		Working	Standby			
1	Air Compressors common for service air and instrument air (Oil free Screw type) 10 NM3/min at 8 Kg/cm2 pressure	1	1		0.66	
2	Air Drying Plant Unit (Conventional Twin Tower type/ Rotary drum type as applicable)	1	1		0.66	
TOTAL						
Note :						
1	Estimated Power Consumption Figure for the compressed air system (For Working Drives Only) considered is 65 KW					
2	Bidders Guaranteed power consumption at motor input terminals (Not Shaft Power) including power for control panel as furnished in guaranteed schedule shall be demonstrated by the successful bidder during performance testing at works/site.					
3	The price quoted by the bidder shall be loaded @ (INR) 136000/- for every additional kW increase in consumption from the base figure indicated at Note no. 1.0 above.					
4	In case the successful bidder fails to establish / prove the guaranteed values of power consumption (base figure of auxiliary power consumption) on actual performance testing at the manufacturing works / site, penalty @ (INR) 136000/- per kW increase in power consumption figure shall be levied.					


 10/2/16
सुमीत सहाय / SUMEET SAHAY
 वरिष्ठ अभियन्ता (वी.पी.नं-21)/Sr. Engineer (PC-I-2)
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
 पावर सेक्टर-परियोजना प्रशासनिक विभाग
 Power Sector-Project Engineering Department
 प्लॉट नं.-25, सेक्टर-16ए, नोडा-201 301
 Plot No. 25, Sector -16A, Noida-201 301



ANNEXURE I
1 X 370 MW YELAHANKA CCPP (KPCL)

PRICE SCHEDULE FOR MANDATORY SPARES OF COMPRESSED AIR SYSTEM PACKAGE

NIT REF NO-PE/PG/VE/1E-5179/2015 DTD-10.02.2016

SL NO	ITEM DESCRIPTION	TOTAL QTY	UOM	IMPORTED ITEMS (Supply not from Indian Territory)						INDIGENEOUS ITEMS (Supply from Indian Territory)						GRAND TOTAL	
				UNIT F.O.B. PRICE (INCLUDING SEAWORTHY PACKING, HANDLING AND TRANSPORTATION TO VENDORS OWN PORT.) (CURRENCY)	TOTAL F.O.B. PRICE (INCLUDING SEAWORTHY PACKING, HANDLING AND TRANSPORTATION TO VENDORS OWN PORT.) (CURRENCY)	OCEAN FREIGHT (CURRENCY)	OCEAN / MARINE INSURANCE	CUSTOM DUTY AFTER AVAILING CENVAT BENEFIT IF APPLICABLE (INR)	INLAND FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. SITE IMPORTED ITEMS SUPPLY PRICE (CURRENCY + INR)	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	ED (INCLUDING CESS) @ % (INR)	CST/VAT @ % Against Form 'C' / E/ EI (INR)	FREIGHT CHARGES (INCLUDING SERVICE TAX) @ % OF TOTAL EX WORKS (INR)		TOTAL F.O.R. SITE PRICE (INR)
1	0 Ring for each size	1 Set	Set	1	2	3	4	5	6	7=2+3+5+6	8	9	10	11	12	13=9+10+11+12	14 = 7+13
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														
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														
27	LP and HP Piston	1 Set	Set														
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														
A				Total Lumpsum Price of Mandatory Spares													

Notes

a) Unless stated otherwise, a 'set' means item or sub-items 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 maintaining 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) Whenever 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.

c) Whenever 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 breakdown 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) Whenever bidder has indicated an item as not applicable, the same will have to be supplied free of cost, incase it is found applicable during detail engineering.

Signature
10/12/16

SHREE SAHAY / SHREE SAHAY
 Director / Sr. Engineer (P&I-2)
 Power Section Project Management / Management
 Power Section Project Management / Management
 Power Section Project Management / Management
 Plot No. 20, Sector - 16A, Noida - 201 301

श्री रघु सं रत्न



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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.	

(Handwritten signature)
10/02/16

सुमीत साहाय / SUMEET SAHAY
 वरिष्ठ अभियंता (02.00.1-2)/Sr. Engineer (PC-1-2)
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
 पावर सेक्टर - वरिष्ठोपचार प्रौद्योगिकी विभाग
 Power Sector - Project Engineering Management
 प्लॉट नं.-25, सेक्टर-16A, नुहता-201 301
 Plot No. 25, Sector -16A, Nuhata -201 301



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ANNEXURE - III

1 X 370 MW YELAHANKA CCPP (KPCL)

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

Guaranteed Power Consumption For Air Compressor System Shall be as per Following :

S.No. (1)	Description of Equipments (2)	Nos. of Equipments (3)		Total Guaranteed Power Consumption for Each Equipment at Motor Input Terminals & control Panel (4)	Duty Factor (5)	Total (KW) (6) = (3A)*(4)*(5)
		Working	Standby			
1	Air Compressors common for service air and instrument air (Oil free Screw type) 10 NM3/min at 8 Kg/cm2 pressure	1	1		0.66	
2	Air Drying Plant Unit (Conventional Twin Tower type/ Rotary drum type as applicable)	1	1		0.66	
TOTAL						

Note :

1	Estimated Power Consumption Figure for the compressed air system (For Working Drives Only) considered is 65 KW
2	Bidders Guaranteed power consumption at motor input terminals (Not Shaft Power) including power for control panel as furnished in guaranteed schedule shall be demonstrated by the successful bidder during performance testing at works/site.
3	The price quoted by the bidder shall be loaded @ (INR) 136000/- for every additional kW increase in consumption from the base figure indicated at Note no. 1.0 above.
4	In case the successful bidder fails to establish / prove the guaranteed values of power consumption (base figure of auxiliary power consumption) on actual performance testing at the manufacturing works / site, penalty @ (INR) 136000/- per kW increase in power consumption figure shall be levied.

Sundert Sahay
10/2/16

सुधीत सहाय / SUNDEET SAHAY
वरिष्ठ अभियन्ता (पी.जी.सी-२)/Sr. Engineer (PG-1-2)
भारत हेवी इलेक्ट्रिकल्स लिमिटेड / Bharat Heavy Electricals Ltd.
पावर सेक्टर-परियोजना २, इलेक्ट्रिकल प्रभाग
Power Sector-Project Engineering Division
प्लॉट नं.-25, सेक्टर-16A, नवीगा-201 301
Plot No. 25, Sector-16A, Noida-201 301