

निविदा दस्तावेज/ **TENDER DOCUMENTS FOR**

अमोनिया-तृतीय संयंत्र के संश्लेषण गैस कंप्रेसर ईएमजी और डब्ल्यूके टरबाइन के जर्नल
असर की पुनर्संरचना / रिबेटिंग / **Reconditioning/rebabbitting of Journal**
bearing of Syn. Gas Compressor EMG and WK turbine of Amm-III
plant.

NIT No.: N-III/Mech-5/Cont-1256/293 DTD: 03/04/2021

बी. वी. एफ.सी. एल. नामरूप/BVFC, NAMRUP



BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED

अमोनिया-III/AMMONIA-III

यांत्रिक विभाग /MECHANICAL DEPARTMENT

1.0 मशीन के काम/MACHINE DETAILS

Name of machine : Synthesis Gas Compressor drive turbine

Make: M/s BHEL

Type: EMG 32/25 + WK 32/28-3

RPM: 13600

Power Output: 13110 KW

Journal bearing:

Type: Multi lobe

Make: M/s MGF

Dia:

EMG turbine= Ø 100/100 (Front/Rear) mm

WK turbine= Ø 100/110 (Front/Rear) mm

Sl no.	Description	Drawing No.	Quantity
01	EMG turbine Journal bearing 4-lobe (Front +Rear) Bearing Assembly Ø 100mm	N-III/MECH/SGC/EMG/1001-F N-III/MECH/SGC/EMG/1001-R	2 SETS (1 SET containing of two halves)
02	WK turbine Thrust cum Journal bearing (Front) 4 lobe Bearing Assembly Ø 100mm	N-III/MECH/SGC/WK/1001-F	1 SET (1 SET containing of two halves)
02	WK turbine Journal bearing (Rear) 4 lobe Bearing Assembly Ø 110mm	N-III/MECH/SGC/WK/1001-R	1 SET (1 SET containing of two halves)

2.0 काम की गुंजाइश/SCOPE OF WORK

Scope of work shall include, but shall not be limited to the following:

- 2.1 Repair/Reconditioning shall be done in scientific procedure with proper selection of material & machines.
- 2.2 Checking of initial dimensions of the old bearing pads.
- 2.3 Removal of Babbitt lining from the old / used journal bearing without affecting the original strength, grain pattern, Physical distortion & stress.
- 2.4 Surface preparation of proper bonding of white metal. Rebuilding with white metal TEGO V 738 or better for higher load bearing capacity.
- 2.5 Machining and surface finishing of journal bearing as per applicable international standards.
- 2.6 Quality checks to be performed at every step.
- 2.7 Inspection & testing of white metal deposition for proper bonding as per applicable international standard.
- 2.8 The finished journal bearing will be tested by Ultrasonic and DP Test as per applicable international standard.

3.0 अनुबंधित का दायरा /CONTRACTOR'S SCOPE:

- 3.1 Receipt of Journal bearing at the works.
- 3.2 Arrangement and deployment of total workforce including supervisory staff and engineers.
- 3.3 Procurement of raw material required to complete the job in totality as per drawing quality of which should be used as per OEM's standard for the entire work.
- 3.4 All the machines and materials required for the job.
- 3.5 All Non-Destructive testing, whatsoever required for the entire scope of work.
- 3.6 Party shall provide ultrasonic testing report, D.P. Test report and detailed dimensional inspection report for defect free workmanship as per applicable international standards.
- 3.7 Furnishing of Documents as per Clause No-6.0.

4.0 बी.वी.एफ.सी.एल का दायरा/BVFCL SCOPE:

- 4.1 Transportation & Insurance: BVFCL shall arrange to & fro transportation of the journal bearings to the works of the party and insurance of the same will be in BVFCL scope. However, the party shall be responsible for careful handling of the material at their works.

5.0 निरीक्षण/ INSPECTION:

The successful bidder shall have to internal inspection report for the entire reconditioning job of the journal bearings.

6.0 प्रलेखन/DOCUMENTATION:-

The following documents shall be submitted:

- 6.1 Report of stage wise inspection conducted.
- 6.2 Dimensional accuracy certificate.
- 6.3 Report of Non-Destructive Test conducted.
- 6.4 Test Certificate of material used.

7.0 प्रस्तुति और पैकिंग/PRESERVATION & PACKING:

The journal bearing shall be thoroughly cleaned and rust preventive measures shall be applied. The journal bearing after repair shall be packed properly to provide protection during storage, handling and transportation.

8.0 समापन समय/COMPLETION PERIOD:-

- 8.1 Within 45 (Forty Five) days after the receipt of old journal bearing at party works. However the party is requested to minimize the completion time in view of our critical requirements.

9.0 5.0 सामान्य नियम और शर्तें/GENERAL TERMS & CONDITIONS:

- 9.1 Interested Bidder, after studying all the tender documents carefully, may obtain necessary clarifications, if any, in writing before tendering. The Contractor should acquaint himself with the site conditions prevailing at the place of work. Submission of tender implies that the Bidder has obtained all the clarifications required and that he shall be deemed to have apprised himself of all the ground conditions at site including weather conditions. No claim on ground of want of knowledge in this respect will be entertained. No claim for any extra charges consequent upon any misunderstanding or otherwise will be entertained.
- 9.2 The following tenders will be liable to be summarily rejected:
 - 9.2.1 Tenders submitted by Bidder(s) who resort to canvassing.
 - 9.2.2 Tenders which do not fulfill any of the conditions laid down in the Tender Documents or are incomplete in any respect.
 - 9.2.3 Tenders received late / delayed.
- 9.3 If the Bidder has relations, whether by blood or otherwise, with any of the employees of BVFCL he must disclose the relations in the Form of Declaration attached failing which BVFCL shall reserve the right to reject the Tender or rescind the Contract.
- 9.4 The execution of the work may entail working in all the site and weather conditions and no extra rate will be considered on this account. The Contractor may have to carry out the jobs working round the clock as per BVFCL's requirement to be decided by the Engineer-In-Charge and the Contractor should take this aspect into consideration while formulating his rates to be quoted.
- 9.5 संविदा की वैधता/**VALIDITY OF CONTRACT:** Validity of the contract shall be for a period of 12 months reckoned from the date of its award. The job can, therefore, be got done any time during the tenure of the contract.
- 9.6 मूल्य में वृद्धि/**ESCALATION IN RATES:** The rates quoted will remain firm till entire period of the contract and will not be subjected to escalation irrespective of any increase whatsoever in labour or material cost etc.
- 9.7 सुरक्षा जमा/ कर्म-कौशल जमानता/ **SECURITY DEPOSIT-CUM /WORKMANSHIP GUARANTEE:** For due and faithful execution and performance of the contract the contractor shall provide the Owner with financial guarantee in the form of a Bank Guarantee, issued by any Nationalized Bank, for sum equivalent to 10% of the total contract value within a period of 30 days of placement of work order. The Bank Guarantee so executed shall be valid till the expiry of defect liability period with provision of claim period of up to 06 months. **No interest shall be paid on E.M.D. and S.D.**

9.8 **देयता की अवधि/ PERIOD OF LIABILITY:**

The Bidder shall stand guarantee for the work done for trouble free operation for a period of 12 months from the date of supply or 18 months from the date of commissioning whichever is earlier. Any damage or defect or other faults that may arise or lie undiscovered at the time of issue of completion certificate, or appear within the defect liability period after virtual completion of the work, occurring, in the opinion of the owner, due to material or workmanship not being in accordance with the contract, shall, upon the directions of the owner in writing and within such reasonable period specified therein, be rectified by the Contractor most expeditiously at his own cost; or, in case of default, BVFCL may get the same rectified/made good by other workmen and deduct expenses from any sums that may be there or at any time thereafter that become due to the Contractor or may recover from his security deposit. BVFCL shall be under no obligation to accept / entertain any claim / demand whatsoever on this behalf. The workmanship guarantee for rectified portion of work shall commence with effect from the date of rectification for a subsequent period of 06 (six) months of the balance period as stated above, whichever is later.

9.9 **संविदा की समाप्ति/TERMINATION OF CONTRACT:**

If the Contractor becomes unable to execute the work, any loss incurred by the company in this respect will be to the Contractor's account. The company may also terminate the contract after giving a 1(One) day's notice in writing, if, in its opinion, the work under the contract is not being executed to its satisfaction:

or

9.9.1 If, at any time, the Contractor makes default in proceeding with the work / job with due diligence and continues to do so after giving in writing a notice of 1 day by the Engineer-In-Charge,

or

9.9.2 If the Contractor persistently disregards the instructions of Engineer-In-Charge or fails to take steps to employ competent or additional staff required or commits default in complying with any of the terms and conditions of the contract and does not remedy it or does not take steps to remedy it within 3 days after notice in writing is given to him by the Engineer-In-Charge.

or

9.9.3 If the Contractor assigns, transfers or sublets or attempts to assign, transfer or sublet the entire work or any portion thereof without the prior written approval of the accepting authority

or

9.9.4 If the Contractor abandons the contract

or

9.9.5 If the Contractor becomes bankrupt / insolvent.

BVFCL shall have right to get the leftover jobs done by alternative agencies at the Risk & Cost of the Contractor besides other legal remedies available to it.

10.0 **भुगतान की शर्तें/ TERMS OF PAYMENT:**

10.1 100% of value against the successfully completed jobs as per scope of work will be released within 30 days of receipt of the bill along with relevant documents subject to meeting the prescribed criteria of the work/supply. **However, 100% payment is subject to fulfillment of Security Deposit-Cum- /Workmanship Guarantee as in noting at clause no 9.7 of General Terms & Conditions.** In case the party does not submit Security Deposit-Cum-Performance/Workmanship Guarantee as stated above, 97% value of the completed work will be released. The balance 3 % shall be retained as Security Deposit which will be released after successful completion of the guarantee period.

10.2 Clarification on the bills, if any, will be sought within 15 days from the date of receipt of the bill in one go. The party shall submit the sought clarifications within 15 days. Payment will be released within 30 days of receipt of the rectified bill/clarification.

10.3 In case of any disagreement between contractor and BVFCL on any part of the invoice, such part of the invoice will be severed from the rest and payment against agreed admissible part will be processed as per laid down procedure, while the disputed part shall be dealt as per contract provisions.

10.4 All the statutory taxes and duties shall be applicable as per rule at usual and prevailing rates. Income Tax however shall be deducted from bills.

10.5 Deduction of TDS from the payment against supply of services or goods on taxable value exceeding Rs 2.5 Lakh only under one contract i.e. TDS @ 2% (IGST 2%, or CGST 1% + SGST 1%) will be deducted from party's bill.

10.6 The contractor may submit their bank particulars i.e. Customers Name, Name of the Bank, Bank Account No, Place of branch, Branch Code (IFSC CODE-11 digits) etc. for online bank transfer of payment.

10.7 LIQUIDATED DAMAGE:

In the event that the work is not completed according to the time schedule, the Contractor shall have to pay Penalty to BVFCL @ of 0.5 % of the total value of work for delay of every week or part thereof subject to a ceiling of 5 % of the total value of the work.

11.0 अप्रत्याशित घटना/FORCE MAJEURE:

The terms and conditions mutually agreed upon with respect to this agreement shall be subject to Force Majeure. Neither the Contractor nor BVFCL shall be considered to be in default in the performance of their obligations contained therein, if such performance is prevented or delayed or restricted or interfered with by reasons of War, Hostilities, Revolution, Civil Commotion, Strike, Epidemic, Accident, Fire, Cyclone, Wind, Flood, Earthquake, Regulation or Ordinance or Requirement of any Government or any Sub-Division thereof, or Authority or Representative of any such Government and / or due to Technical Snag/Reasons, or any other Act whatsoever, whether similar or dissimilar to those enumerated, beyond reasonable control of the parties hereto, or because of any Act of God. The party so affected, upon giving prompt notice to the other party, shall be excused from such performance to the extent of such prevention, delay, restriction or interference for the period it persists, provided that the party so affected shall use its best efforts to avoid or remove such causes of non-performance, if possible, and shall continue performance hereunder with the utmost dispatch whenever such causes are removed. Should one or both parties be prevented from fulfilling their contractual obligations by a state of Force-Majeure lasting continuously for a period of three months, the two parties to the contract shall meet and decide about the future course of action for implementation of the contract.

12.0 सुलह तथा विवाचन/ CONCILIATION & ARBITRATION:

- 12.1 Except otherwise provided in this contract all matters, questions, disputes, differences whatsoever which shall at any time arise between the parties hereto touching the construction, meaning or operation or effect of the contract or out of matters related to the contract or breach thereof, or the respective rights or liabilities of the parties, whether during or after completion of the work or whether before or after termination shall be referred to arbitration in accordance with the ICADR Arbitration Rules, 1996. Under such case, authority to appoint Arbitrator(s) shall be the 'International Centre for Alternative Dispute Resolution'.
- 12.2 The Arbitration proceedings shall be governed by the ICADR Arbitration Rules, 1996.
- 12.3 Both the parties shall continue to fulfill their respective obligations under the contract during the Arbitration proceedings.

The contract shall be **governed by and construed in accordance with the Laws of India** and provisions of various Labour Laws like Factories Act 1948, Industrial Disputes Act 1947, Contract Labour (Regulation & Abolition) Act 1970, Maternity Act 1961, Workmen's Compensation Act 1923, Payment of Wages Act 1936, Minimum Wages Act 1948, Employee's Provident Funds & Misc. Provisions Act 1952, Payment of Bonus Act 1965, Payment of Gratuity Act 1972 etc. and any other Law / Legislation which may be applicable from time to time (The above Acts are only illustrative and not exhaustive).

13.0 अधिकार-क्षेत्र/ JURISDICTION:

Notwithstanding any other court or courts having jurisdiction to try any civil suit arising out of this contract it shall be only the court of competent jurisdiction at Dibrugarh alone (where the contract shall be deemed to have been entered into) to try such suits to the exclusion of all other courts of the country and all causes of action in relation to the contract will therefore be deemed to have arisen within the Jurisdiction of the Court at Dibrugarh (Assam) only.

- 14.0** BVFCL is committed to a corruption free environment." All the works contract, services and commitments of BVFCL will be honored without the citizen having to pay any bribe". In case any person demands any bribe, it is the duty of responsible citizen to inform the matter to Vigilance Office, BVFCL, Namrup, Assam. (Email: vigilance@bvfc.co.in).

मुख्य अभियान्ता (यांत्रिक)/ CE (M), AG & CPP

Ref: N-III/MECH-5/Cont-1256/

PROFORMA-I

INFORMATION REGARDING TENDERER

A) In case of individual		
i)	Name of Business	
ii)	Whether his Business is registered	
iii)	Date of commencement of business	
iv)	Whether he pays Income-Tax over Rs. 10,000/- per year	
B) In case of Partnership		
i)	Name of Partnership	
ii)	Whether the Partnership is registered	
iii)	Date of establishment of firm	
iv)	If each of the partners of the firm pays Income-Tax over Rs. 10,000/- a year and if not which of them pays the same	
C) In case of Limited Liability Company or Company Limited by Guarantee		
i)	Amount of paid up capital	
ii)	Name of Directors	
iii)	Date of Registration of Company	
iv)	Copies of the last two years' Balance Sheets of the Company	
D) Income Tax		
i)	Income Tax Clearance Certificate for previous years.	

(SIGNATURE OF BIDDER WITH SEAL)

Name :

Dated :

Place :

Ref: N-III/MECH-5/Cont-1256/

PROFORMA: 2

DETAILS OF EXPERIENCE

Bidder shall give information of similar works done as per Eligibility Criteria during the **past seven years** strictly as per proforma given below:

Sl. No	Full particulars of similar work carried out by Bidder	Value of Contract	Contract Completion time	Actual completion time	Year of completion	Name & Postal Address of Client
1)						
2)						
3)						
4)						
5)						

Certified that the above information filled online is correct.

(SIGNATURE OF BIDDER WITH SEAL)

Name : -----

Dated : -----

Place : -----

Ref: N-III/MECH-5/Cont-1256/

PROFORMA: 3

PRESENT COMMITMENTS

Bidder shall furnish the details of their present commitments strictly as per this Proforma.

Sl. No.	Name of work	Name & address of Client	Contract Value	Brief description of work	Date of completion	% age completed	Expected date of completion of balance work
1.							
2.							
3.							
4.							
5.							
6.							

Certified that the above information filled online is correct.

((SIGNATURE OF BIDDER WITH SEAL))

Name :

Dated :

Place :

Ref: N-III/MECH-5/Cont-1256/

PROFORMA NO:4

INFORMATION REGARDING EQUIPMENT WHICH THE BIDDER PROPOSES TO USE FOR THIS WORK:

Sr. No	Description	Quantity	Size/Capacity	Owner
A.				
B.				
C.				
D.				
E.				
F.				

Certified that the above information is correct.

(SIGNATURE OF BIDDER WITH SEAL)

Name :

Dated :

Place :

PROFORMA NO.: 5
(PRICE BID)

Ref: N-III/MECH-5/Cont-1256/

SCHEDULE OF WORK, QUANTITY & RATE(S)

Sr. No.	Description	Quantity	Unit Rate(Rs.) (In Figures)	Amount (Rs.) (In Figures)
1)	EMG turbine Journal bearing 4-lobe (Front +Rear) Bearing Assembly ϕ 100mm	2 sets (02 sets containing of 04 halves)		
2)	WK turbine Thrust cum Journal bearing (Front) 4 lobe Bearing Assembly ϕ 100mm	1 SET (1 SET containing of two halves)		
3)	Sub-Total			

In words:

Rupees (.....)

Notes:

- The Rates quoted online should be inclusive of all Taxes, Duties, Royalties, P&F charges and other Statutory Levies to be payable except GST.** Unless specified to the contrary in the bid, all present taxes and statutory levies shall be borne and paid for by the bidder. Payment of the taxes and other statutory levies shall be the responsibility of the bidder and shall not be payable by BVFCL.
- TDS** shall be applicable as per Income Tax Rules.
- The Bid shall be evaluated on the overall lowest cost only.**

Signature of the Bidder: _____ Date _____

Party's name: _____

Address & SEAL:

Ref No.: N-III/Mech-5/Cont-1256

ANNEXURE-I

ELIGIBILITY CRITERIA FOR THE BIDDER

1. The bidder should have experience of similar nature of work i.e. carrying out of similar nature of reconditioning of Journal bearing/ thrust bearing pads of high speed centrifugal compressors of more than 7000 RPM and power rating 3 MW or more in the last seven Years in any of the following industry:
"Reputed continuous process fertilizer plants/refineries/petrochemicals under Central PSU/State/JV PSU and private sector".
2. The bidder shall furnish documentary evidence in form of Work Order / Contract copies along with satisfactory completion certificates in support of their claim of doing such work directly by them on their independent capacity (work order shall be placed by the organization directly on the contractor who has participated in the tender. The job carried out by the contractor for the organization through other agency where the work order is not in the name of the contractor shall not be considered for further evaluation purpose i.e. **WO in the capacity of sub-contractor shall not be accepted**) and successfully completed during the last 7 (Seven) years ending last day of month previous to the one in which applications are invited should be either of the following –
 - a. Three similar completed works each costing not less than Rs. 99,000.00 (QR)
 - b. Two similar completed works each costing not less than Rs. 1,23,750.00 (QR)
 - c. One similar completed work each costing not less than Rs. 1,98,000.00--ABOVE FIGURES ARE EXCLUDING TAXES--
3. Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least Rs. 74,250.00.

Signature of the Bidder: _____ Date _____

Party's name: _____

Address & SEAL:

BID SECURITY DECLARATION

Ref. No: N-III/Mech-5/Cont-1256

Date:

To

Chief Engineer (Mechanical), AG & CPP
BVFCL, Namrup

Sub.: 'Reconditioning/rebabbiting of Journal bearing of Syn. Gas Compressor EMG and WK turbine of Amm-III plant'.

Dear Sir,

I.....Son/Daughter of

Shri.....Proprietor/Partner/CEO/MD/Director/

Authorised signatory of M/s am

competent to sign this declaration and accepting "BID SECURITY DECLARATION" in lieu of bid security.

I/we are well aware of the fact that withdrawing or modifying our bids during the period of validity etc. would lead to suspension of our tender for the time specified in the tender documents as per office memorandum Ref no. F.9/4/2020-PPD dtd. 12th Nov. 2020 of Rule 170 of General Financial Rules (GFRs) 2017 under Ministry of Finance.

I/we have carefully read and understood all the terms and conditions of the tender and hereby convey my/our acceptance for the same.

Thanking you.

Yours faithfully,

For M/s. :

(Signature of Contractor/ Bidder/Authorized Person with SEAL)

Address :

.....

.....

Place.....

DECLARATION FORM

Ref. No: N-III/MECH-5/Cont-1256/

Date:

To

Chief Engineer (Mechanical), AG, CPP& CMW
BVFCL, Namrup

Sub.: 'Reconditioning/rebabbiting of Journal bearing of Syn. Gas Compressor EMG and WK turbine of Amm-III plant'.

Dear Sir,

I/ We have read the conditions of tender attached hereto and agree to abide by such conditions. I/We offer to do the job as per attached Schedule of Rates and in accordance with the specifications, standards and instructions in writing of the Engineer-in-charge of M/s. BVFCL and hereby bind myself/ ourselves to complete the work schedules and progress of work.

I/We hereby bind myself/ourselves to complete the work schedule and progress of work. I / We further agree to abide by the conditions of contract and to carry out all works within the specified time in accordance with applications, workmanship and instructions referred to in the **Notice Inviting Tender**.

In case of acceptance of the tender by Brahmaputra Valley Fertilizer Corporation Limited, Namrup, I/ we bind myself/ ourselves to execute the contract as per the conditions mentioned in the tender documents, failing which we shall have no objection to the forfeiture of the Earnest Money lodged with BVFCL, Namrup.

Thanking you.

Yours faithfully,

For M/s. :

(Signature of Contractor/ Bidder with SEAL)

Address :

.....

.....

Place :

Date :

Ref. No: N-III/MECH-5/Cont-1256

ANNEXURE-IV
(Part of Contract)

DECLARATION FORM

THE FOLLOWING DECLARATION TO BE SIGNED BY CONTRACTOR

Sl. No.	DESCRIPTION	YES/ NO. (If Yes, give the following details)		
		Name and Designation of the Employee	Place of posting	Relation with the Employee
1	If a Bidder has relations whether by blood or otherwise with any of employees of BVFCL (Owner), the Bidder must disclose the relation at the time of submission of Tender, failing which BVFCL shall reserve the right to reject the Tender or rescind the Contract.			
2	P.F. Registration No. of the Contractor to be intimated along with Documentary proof thereof		P.F. Reg. No.	
3	PAN No. of the Contractor to be intimated along with Documentary Proof thereof		PAN No.	
5	GST Registration No. of the Contractor to be intimated along with Documentary Proof thereof		G.S.T. Reg. No.	
6	If the party is registered as Micro/Small/Medium Enterprises as per MSMED Act, 2006, the same may be confirmed by the party and submit a photocopy (Self certified) of the registration certificate in support thereof. Otherwise it will be construed that the party is not registered as per MSMED Act, 2006.			
7	The bidder shall submit the name and address of the firm/company along with its constitution giving status of the same such as sole proprietorship / partnership or limited/private firm etc. Along with its copies duly attested by Notary Public as evidence.			

(Signature of Contractor/ Bidder with SEAL)

Address : -----

Place :

Date :